ProtoGenie Help Center

ProtoGenie Help Center

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ProtoGenie Help Center

This is the place you go to find out anything about ***ProtoGenie*** from contact information, to PG assurances, to system requirements, to history, to terms of service, to PG feature, to help resources, including tutorials, FAQs, and templates..

Browse this material by clicking on a topic heading or subheadings in the table of contents on the left of the screen or step through the material using your forward and back arrow in your browser or clicking on the ***Next*** button. Also, you can search this material by key word in the search field in the upper right of your screen. You also can search this material using the Index function. Clicking this link gives you a list of the words that have been indexed in the file, which is searchable using the Ctr/F key on your computer key board.

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PG Help Features

ProtoGenie Home Page

Major Features & Functions

See also

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ProtoGenie Home Page
Major Features & Functions

PG Help Features

ProtoGenie provides a full-featured on-line help system designed to enable PG users to create protocols that effectively and efficiently serve their research needs given objectives, resources, and constraints, including inexperience or lack or technical skills. This system includes:

- PG ***Online Help File***
- Full ***Tool Tips*** Mouse-Over system that brings up a description or explanation of the word under the cursor,
- Comprehensive ***Frequently Asked Questions*** (FAQ) system
- Design Assistance by the ***ProtoGenie Design Genie***
- PG Library of Research Designs
- PG Library of Template Protocols
- PG Library of Blank Protocol Tutorials
- PG Library of Template Protocol Tutorials
- Printable Manual

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Major Features & Functions

Online Help System

ProtoGenie provides a complete online help system covering all major topics and subtopics necessary for the successful use of ***ProtoGenie***. It is opened by clicking on the word HELP that appears in several convenient places in the ***ProtoGenie*** application, including the ***Home Page*** and the user's ***MyHub Page***. ***Help*** features include the familiar ***Contents*** and ***Index*** . The ***Contents*** feature is like a table of contents that is organized by topic and subtopic. It is used by clicking on the label ***Contents*** at the top of the page on the left side of the screen and then clicking on the topic of interest.. Pages also provide links to more detailed discussions and to related topics.

The PG ***Index*** contains a long list of key words associated with the contents and actions of potential interest. It is opened by clicking on the

Index link at the top/left of the page. The *Index* can be searched by key work using the *find* or *search* features of the Web browser.

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Home > PG Help Features > PG Tooltips

PG Tooltips

For a large number of words and images on the screen, *the Tooltips* feature of *ProtoGenie* brings up descriptions, explanations, and action hints when the cursor is hovered over them, This is sometimes known as *Mouse-Over Help*. For this, users hover the pointer over an item without clicking it and a *Tooltip* message will appear about that item. PG Tooltips do not appear on mobile devices since there is no cursor.

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Home > PG Help Features > Frequently Asked Questions (FAQ)

Frequently Asked Questions (FAQ)

ProtoGenie provides a comprehensive ***Frequently Asked Questions*** (FAQ) system. Categories covered include What is ***ProtoGenie*** and Why Use it? In addition it covers the categories involving research design, security, browser & platform support, system requirements, ethics & compliance, definitions & terminology, screen formats, image production & handling, and case management.

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Home > PG Help Features > ProtoGenie Resource Libraries

ProtoGenie Resource Libraries

There are four major PG Resource Libraries. They are the ***Library of Research Designs***, the ***Library of Template Protocols***, the ***Library of Blank Protocol Tutorials***, and the ***Library of Template Protocol Tutorials***. These libraries provide detailed descriptions of PG research designs and PG Templates and their use in the construction of protocols. They also provide step-by-step instructions on how to create protocols from scratch and from templates. These libraries can be visited in the vertical navigation bar of the ***My Home Page***.

NEXT

PG Library of Research Designs | PG Library of Template Protocols | PG Library of Blank Protocol Tutorials | PG Library of Template Protocol Tutorials

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See also
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PG Library of Research Designs

The ProtoGenie Library of Research Designs consists of a list of major research designs with their descriptions and links to related resources, such as the tutorial libraries. This library is opened by clicking the link *Research Designs* located just below *My Home* in the vertical navigation bar.

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PG Library of Template Protocols

PG Library of Blank Protocol Tutorials

PG Library of Template Protocol Tutorials

See also

PG Library of Template Protocols
PG Library of Blank Protocol Tutorials
PG Library of Template Protocol Tutorials

PG Library of Template Protocols

ProtoGenie Template Protocols are PG protocols built for their instructional value to guide research for each of the major Research Designs in the *PG Library of Research Designs*. This library is opened by clicking the link *Templates* located in the vertical navigation bar under Home.

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PG Library of Research Designs

PG Library of Blank Protocol Tutorials

PG Library of Template Protocol Tutorials

See also

PG Library of Research Designs
PG Library of Blank Protocol Tutorials
PG Library of Template Protocol Tutorials

PG Library of Blank Protocol Tutorials

ProtoGenie Blank Protocol Tutorials consist of step-by-step instructions for creating new protocols from a blank protocol, which means ***from scratch*** (no templates). The purpose of the ***Library of Blank Protocol Tutorials*** is to help PG users master the construction of ***ProtoGenie*** protocols from blank protocols by making entries into the blank fields as instructed by the tutorial. These blank protocol tutorials cover all of the research designs in the PG Library of Research Designs. The ***Library of Blank Protocol Tutorials*** is opened by clicking the link ***Tutorials*** in the vertical navigation bar just under ***Templates***.

NEXT

PG Library of Research Designs

PG Library of Template Protocols

PG Library of Template Protocol Tutorials

See also
PG Library of Research Designs
PG Library of Template Protocols
PG Library of Template Protocol Tutorials

PG Library of Template Protocol Tutorials

ProtoGenie Template Protocol Tutorials consist of step-by-step instructions for creating new protocols from template protocols. The purpose of the ***Library of Template Protocol Tutorials*** is to help PG users master the construction of ***ProtoGenie*** protocols from existing template protocols by making hands-on changes to the variables in the template protocols to fit new studies. These tutorials cover all of the research designs in the PG Library of Research Designs. This library is opened by clicking the link labeled ***Tutorials*** in the vertical navigation bar just under ***Templates***.

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PG Library of Research Designs

PG Library of Template Protocols

PG Library of Blank Protocol Tutorials

See also
PG Library of Research Designs
PG Library of Template Protocols
PG Library of Blank Protocol Tutorials

Printable Manual

The *ProtoGenie* help system includes the option to download a printable manual. Click on *Help* in the bottom menu of every page or the *Visit PG Hlep Center* link under *Places to Go* in the *ProtoGenie* homepage.

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PG Design Genie Development Project

Design Genie is an on-going *ProtoGenie* Community Project that invites comments, questions, and suggestions from PG members regarding the contents. *ProtoGenie* staff accept no responsibility for its content.

Design Genie is a little "expert system" designed to help users to help researchers identify the research method that best serves their objectives and practical needs given resources. It responds to the reality that in practice research is not a neatly packaged one-shot look at reality. It is sometimes a rather messy process of fits and starts and adaptations to missing information, sporadic peeks at the world, replication, and triangulation, which ultimately is long-term, not short-term. ProtoGenie is attuned to this kaleidoscopic real world and the *Design Genie* was created to cut through the maze to help researchers identify what design best serves their objectives and practical needs.

Design Genie is both educational and practical in the sense that it will identify a design and a tutorial to guide the construction of a protocol to fit the user's study requirements. Tutorials are based on the classification scheme underlying the PG *Design Genie*. They also provide the basis for the organization of research methods courses, a planned WBT (Web-based Training Application), and a textbook that will elaborate the unique concepts and design of the *ProtoGenie* web authoring environment.

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Home > PG Help Features > System Requirements

System Requirements

ProtoGenie supports mainframe computers, desktop computers, laptop computers, touch tablets, and smart phones. The relatively new mobile capability has fulfilled the long desire in research for the capability to collect data on handheld devices in the field and laboratory. For more about mobility, click here.

Equipment and system requirements include

Windows Vista (or later)
or Mac OS X (or later)
Internet Explorer 9.
Chrome version 25+ (this auto-updates in the background)
Firefox version 18+ (this auto-updates unless you tell it not to)
Safari version 5.1+ (same)

The free Flash Player is required by authors who intend to insert Flash movies into a protocol and it required by subjects and assistants who run the protocols containing Flash movies. In general, mobile devices do not support Flash.

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Online Mobile Data Collection

There has long been a great longing in research for hand-held devices for entering data about people and events in structured experimental and observational research in the field and in the laboratory. But, these devices never came to pass simply because of the cost. In recent years, research technology became a fortuitous benefactor of 700 million interactive computer phones and millions of touch tablets all technically able to connect with the Internet and with each other and all owned by people who know how to use them. The missing ingredient was software that could exploit this new potential for primary data collection. That ingredient is *ProtoGenie* the online software toolkit created by and for researchers whose very reason for existence is to serve the building and execution of protocols for experimental research. This coincidence of available hardware and powerful generic software technology foreshadows an online mobility revolution in structured primary data collection, a simple example of which would be the daily entry of information by subjects on a smart phone or touch tablet in a clinical trial. See more details about M-Research.
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See also

M-Research (Mobile Research)

M-Research (Mobile Research) is a new kind of research that is made possible by mobile telecommunication and Internet technology. M-Research is new but it is bursting out in the footsteps of *M-Health*, which is the use of mobile devices to support health care delivery systems. Both are made possible by the explosive growth of mobile telecommunications and mobile computer devices, as they are manifest for example, in the smart phone. Worldwide, the number of global mobile phone subscribers in 2007 was estimated at 3.1 billion of an estimated global population of 6.6 billion (47%). These figures were projected to grow to 4.5 billion by 2012, or a 64.7% mobile penetration rate. Today, approximately 91% of all people on earth have a mobile phone and 56% own a smart phone. M-Research, such as surveys and experiments conducted on mobile devices is used for data collection by researchers in the lab or in the field to administer treatments and take measurements, as in observational studies of children in the class room or other settings. Data can be systematically observed and recorded according to research protocols or scripts on M-Devices. Data can be video or audio recorded for later analysis. Mobile devices can also be used by participants in experiments in the lab or in the field. For example, participants in clinical trials can be instructed by a ProtoGenie protocol on inexpensive mobile devices in their homes to self-administer treatments and interventions and to input their responses and self-reporting of study relevant material. The low price and ubiquity of M-Research by ProtoGenie will open the way for research that would never be done without it. It will enable the analysis of human behavior in its natural settings. M-Research means the leveling of the playing field. It is in the emergence of small science to fill the innumerable gaps left by big science. *ProtoGenie* is the heretofore missing ingredient that makes M-Research happen by providing the online tools that enable the design of studies, the automated collection of data, and the organizing of data for data analysis.

Proceed to next topic (*ProtoGenie* Home Page)

See also

ProtoGenie Home Page

The *ProtoGenie* Home Page is the first page users see after opening *ProtoGenie* at *https://www.protogenie.com/*. The top menu bar (in blue) contains four links:

- *ProtoGenie* Flame Icon.
- *Home*.
- User's Personal Account by Name
- Circled Question Mark Icon

NEXT

Top Menu Bar

Side (Vertical) Menu Bar

Body Home Page

See also

ProtoGenie Help Center
PG Help Features
Major Features & Functions

Top Menu Bar

The top menu bar (in blue) contains four links:

- *ProtoGenie* Flame Icon (See image upper left). This link connects to the *ProtoGenie* Home Page. The PG Flame appears at the top when users are on the *PG Home Page* and It appears in the same place on every other page. It is important to distinguish between this *Home Page* and individual user's *My Home Pages*.
- *Home*. This link is to the user's personal page called *My Home*. The *My Home* link is active only if the user has already signed up for a *ProtoGenie* membership. It is important to distinguish between this *Home*, which is the user's *My Home* page, and the *ProtoGenie Home Page* for everyone.
- *Personal Account* by User's Name. This personal account link is active only if the user has already signed up for a *ProtoGenie* membership.
- Circled Question Mark Icon. This link connects to the *ProtoGenie Help Center* that contains definitions, descriptions, how-to-do instructions, and links to other help resources, such as *Frequently Asked Questions (FAQs)*.

NEXT

ProtoGenie Flame

Web Home Page

Personal Account (By Name)

Circled Question Mark Icon (Help)

See also
Side (Vertical) Menu Bar
Body Home Page

ProtoGenie Flame

The *ProtoGenie Flame* (see upper left) connects to the *Home Page*. The *Flame Icon* appears at the top when users are on the *PG Home Page* and It appears in the same place on every other page. It is important to distinguish between this *Home Page* which is for all *ProtoGenie* users and individual user's *My Home Pages* which is for individual users.

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Web Home Page

Personal Account (By Name)

Circled Question Mark Icon (Help)

See also
Web Home Page
Personal Account (By Name)
Circled Question Mark Icon (Help)

Web Home Page

The *Home* link in the top menu bar connects to the user's personal page called *My Home*. The *My Home* link is active only if the user has previously signed up for a *ProtoGenie* membership. It is important to distinguish between this *Home*, which is the user's *My Home Page*, and the *ProtoGenie Home Page*, which is for everyone.

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ProtoGenie Flame

Personal Account (By Name)

Circled Question Mark Icon (Help)

See also

ProtoGenie Flame
Personal Account (By Name)
Circled Question Mark Icon (Help)

Home > ProtoGenie Home Page > Top Menu Bar > Personal Account (By Name)

Personal Account (By Name)

The user's Personal Account (by Name) is active only if the user has previously signed up for a *ProtoGenie* membership. The *Account Page* provides information as to whether the user's subscription is active or not, the type of account, and the date on which the membership was activated.

The vertical menu bar on the left side contains six links: *Account, Profile, Preferences, Change Password, Change Email,* and *Billing.*

NEXT

ProtoGenie Flame

Web Home Page

Circled Question Mark Icon (Help)

See also

ProtoGenie Flame
Web Home Page
Circled Question Mark Icon (Help)

Home > ProtoGenie Home Page > Top Menu Bar > Circled Question Mark Icon (Help)

Circled Question Mark Icon (Help)

The *Circled Question Mark Icon* link connects to the *Help Center Page* containing links to help resources, including the Help System and FAQs. Its purpose is to give new users access to *ProtoGenie's* host of help resources when they may have questions regarding *ProtoGenie* that may help them decide whether or not to sign up for a membership, and to provide experienced users answers to their questions as they arise in practice.

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ProtoGenie Flame

Web Home Page

Personal Account (By Name)

See also
ProtoGenie Flame
Web Home Page
Personal Account (By Name)

Home > ProtoGenie Home Page > Side (Vertical) Menu Bar

Side (Vertical) Menu Bar

The side (vertical) menu bar contains six links:

- *My Home*.
- *Research Designs*.
- *Templates*.
- Favorites.
- Stimuli

The top link is the user's *My Home* page. The *Research Designs* link goes to a page containing a list and discussion of research methods. The *Templates link goes to a page* containing a list and description of protocol *Templates*. The *Favorites* link goes to a page containing a list of protocols that you have bookmarked, and the *Stimuli* link goes to a page containing a library of images, videos, and Flash movies that a user has collected for use as treatment stimuli in his or her experiments.

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See also
Top Menu Bar
Body Home Page

Home > ProtoGenie Home Page > Side (Vertical) Menu Bar > My Home

My Home

The top item in the side menu bar is *My Home*. *My Home* is the workplace and control center of PG users. All PG activities are launched here, including the construction and editing of protocols, finding answers to questions, and sharing protocols.

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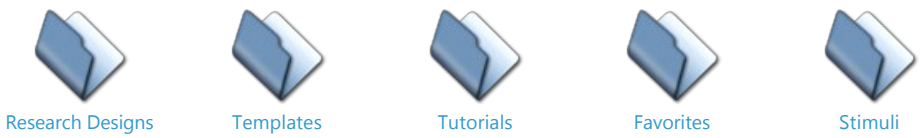


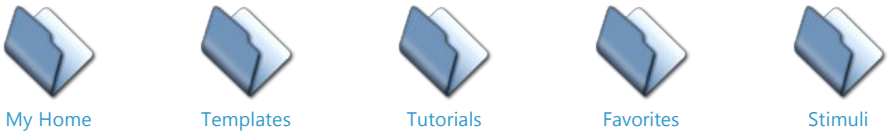
See also
Research Designs
Templates
Tutorials
Favorites
Stimuli

Home > ProtoGenie Home Page > Side (Vertical) Menu Bar > Research Designs

Research Designs

The second item in the side menu bar is ***Research Designs***. The ***Research Designs*** link in the vertical menu on the left side of the My Home Page goes to a page containing a list and discussion of research methods.

NEXT



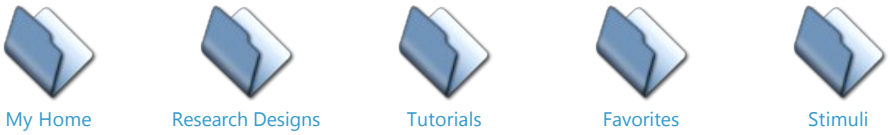
See also
My Home
Templates
Tutorials
Favorites
Stimuli

Home > ProtoGenie Home Page > Side (Vertical) Menu Bar > Templates

Templates

The third item in the side menu bar is ***Templates***. The ***Templates link goes to a page*** containing a list and description of protocol ***Templates***. Template Protocols, Research Designs, Blank Protocol Tutorials, and Template Protocol Tutorials are closely related. To view what is in these libraries, click here.

NEXT



See also
My Home
Research Designs
Tutorials
Favorites
Stimuli

Home > ProtoGenie Home Page > Side (Vertical) Menu Bar > Tutorials

Tutorials

The fourth item in the side menu bar is ***Tutorials***. The Tutorial link ***goes to a page*** containing a list and description of protocol ***Tutorials, including Blank Protocol Tutorials and Template Protocol Tutorials***. Blank Protocol Tutorials, Research Designs, Template Protocols, and Template Protocol Tutorials are closely related. To view what is in these libraries, click here.

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See also
My Home
Research Designs
Templates
Favorites
Stimuli

Home > ProtoGenie Home Page > Side (Vertical) Menu Bar > Favorites

Favorites

The fifth item in the side menu bar is ***Favorites***. The ***Favorites*** link goes to a page containing a list of protocols that you have bookmarked.

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See also
My Home

Research Designs
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Home > ProtoGenie Home Page > Side (Vertical) Menu Bar > Stimuli

Stimuli

The bottom item in the side menu bar is *Stimuli*. The *Stimuli* link goes to a page containing a library of images, videos, and Flash movies that a user has collected for use as treatment stimuli in his or her experiments.

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My Home

Research Designs

Templates

Tutorials

Favorites

See also

My Home
Research Designs
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Home > ProtoGenie Home Page > Body Home Page

Body Home Page

The body of the *Home Page* presents an invitation to prospective new members to learn more about *ProtoGenie*. This page also contains links that initiate actions under the labels: *Things to Do, People to See, and Places to Go*. For example, under Things to Do, there is a link labeled *Work on Existing Protocol*, which takes users to their personal library of protocols, where they can select a protocol for editing or other actions. This page also provides a news corner labeled *Announcements.*

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Top Menu Bar

Side (Vertical) Menu Bar

See also

Top Menu Bar

Side (Vertical) Menu Bar

Major Features & Functions

There are five major sets of *ProtoGenie* functions. They are associated with the five links (plus Logout) in the primary (top) navigation bar of every page of *ProtoGenie*. They are MY HOME, MAKE, SHARE, and GATHER:

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MY HOME

MAKE

SHARE

GATHER, Implement, & Monitor

ACCOUNT (By Name)

ProtoGenie User Relationships

Getting Started

ProtoGenie Help Center

PG Help Features

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MY HOME

My Home is the opening page after logging in, It is the user's personalized center of activity. It is one of five *PG Action Areas* located in the top navigation bar, namely *Make, Share, Run, Home, and Account [user's name].* This page also provides a news corner labeled *Announcements*. It also contains links that initiate actions under the labels: *Things to Do, People to See, and Places to Go*. For example, under *Things to Do*, there is a link labeled *Work on Existing Protocol*, which takes users to their personal library of protocols, where they can select a protocol for editing or other actions. This action also can be achieved by clicking on *Make* in the top menu bar.

In the vertical bar on the left side of this page, there are five links*: My Home*, *Research Designs, Templates*, *Favorites*, and *Stimuli*. The *Research Designs* link goes to a page containing a list and discussion of research methods. The *Templates link goes to a page* containing a list and description of protocol *Templates*. The *Favorites* link goes to a page containing a list of protocols that you have bookmarked, and the *Stimuli* link goes to a page containing a library of images, videos, and Flash movies that a user has collected for use as treatment stimuli in his or her experiments.

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Research Designs

The ***Research Designs*** link is located under ***My Home*** in the vertical navigation bar on the left side of the ***Home Page***.

The ***Research Designs*** page presents a list of research methods or designs. Each method label contains a link to a description of the design and a link to a protocol template that illustrates the design.

All protocols have a research design associated with it. This information is important in library searches by other researchers who may wish to collaborate or swap information on similar studies. it also is important for connecting users to ***Templates*** and other protocols that can be used to create protocols.

In today's complex and costly research environment, users may not know the best research design tor their studies given its objectives and resources. For this reason, ***ProtoGenie*** provides three powerful tools. One is the ***ProtoGenie Template Program***. The ***Template*** program provides generic templates that cover a wide range of research designs. These templates can be browsed and used to create protocols to try out designs.

Another PG tool for design assistance is a wizard-like program called ***ProtoGenie Design Genie***. This program asks users a hierarchy of key questions regarding their research objectives and resources and from that determines the design that best fits their needs.

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List of Designs with Descriptions

Design Genie Project

Templates

Tutorials

Favorites

Stimuli

See also
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Tutorials
Favorites
Stimuli

List of Designs with Descriptions

The *Methods Page* contains a list of major research methods or designs, as follows:

- Posttest-Only Control Group Design
- Pretest-Posttest Control Group Design
- Solomon Four Group Design
- Across Time Control Group Design
- Fully Crossed Factorial Design
- Descriptive Research Designs
- Clinical Trials Design
- Survey Research Design

Each label is a link to a description of the method.

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Experimental Methods

Descriptive Research Methods

Design Genie Project

See also
Design Genie Project

Experimental Methods

Experimental Methods (Classical and Quasi) seek to measure the causal effects of treatment variables on response variables through random assignment of participants to experimental groups and through the manipulation of the treatment variables. Sometimes these experiments are referred to as "laboratory experiments" because of high degree of control over settings. They are commonly used in psychology and related disciplines and in clinical settings, law and other professions. Studies that do not permit high levels of control are generally known as "Quasi-experiments" and are generally used in field settings such as schools and other institutions. Classical experiments create situations as close to real as possible. Quasi-experiments compensate for lack of controls through matching, placement and withdrawal of treatments, and statistical analysis.

NEXT

Posttest-Only Control Group Design

Pretest-Posttest Control Group Design

Solomon Four Group Design

Across Time Control Group Design

Fully Crossed Factorial Design

Clinical Trials Design

Descriptive Research Methods

See also
Descriptive Research Methods

Posttest-Only Control Group Design

The ***Posttest-Only Control Group Design*** is used to study the effects of an independent or predictor variable X on a dependent or response variable Y using the Posttest Only Control Group research method or design. It uses the strategic deployment of control groups rather than the strategic deployment of treatments and measurements over time to make causal inferences and minimize threats to validity. It involves a single session or slice in time sometimes referred to as a "Cross-Sectional" study.

In this design, one group gets the treatment X and a measurement Y, and the other group gets only the measurement at post-test time. This particular design is one of a larger number in the more generic category of designs involving more than one group with only one session. In many respects, this class of designs is the "workhorse" of research designs because it is simple, low cost, powerful, widely used, and produces the most bangs for the buck. Anything more is generally going to cost more (often prohibitively) and anything less is going to risk threats to validity due to inadequate control.

NEXT

Pretest-Posttest Control Group Design

Solomon Four Group Design

Across Time Control Group Design

Fully Crossed Factorial Design

Clinical Trials Design

See also
Pretest-Posttest Control Group Design
Solomon Four Group Design
Across Time Control Group Design
Fully Crossed Factorial Design
Clinical Trials Design

Pretest-Posttest Control Group Design

This design is used to study the effects of an independent or predictor variable X on a dependent or response variable Y using the ***Pretest-Posttest Control Group Design*** to control for confounding factors. The appeal of a ***Pretest-Post Design*** is that it provides a measure of the dependent variable before and after a treatment. A downside may be that the effects of pretest carry over onto the posttest. These effects can be estimated by using the Solomon's Four-Group design.

Pretest-Posttest Control Group designs use BOTH the strategic employment of groups for control of confounding influences AND the strategic placement of treatments and measurements in time to strengthen inferences about the effects of treatments and to enhance their generality to larger populations. In effect, they are combinations of Multiple Groups Multiple Sessions (over-time) designs.

NEXT

Posttest-Only Control Group Design

Solomon Four Group Design

Across Time Control Group Design

Fully Crossed Factorial Design

Clinical Trials Design

See also

Posttest-Only Control Group Design
Solomon Four Group Design
Across Time Control Group Design
Fully Crossed Factorial Design
Clinical Trials Design

Home > Major Features & Functions > MY HOME > Research Designs > List of Designs with Descriptions > Experimental Methods > Solomon Four Group Design

Solomon Four Group Design

In the ***Solomon Four Group Design***, participants are randomly assigned to four different groups. One group gets the treatment and the pretest and posttest, another gets only the pretest and posttest, a third gets the treatment with only the posttest, and the last one gets only a posttest. This controls both the main effects of testing (internal) and the interaction effects of testing and the treatment (external). This design combines the benefits of pretest/posttest designs and posttest only designs and thereby is one of the best designs for addressing threats to internal and external validity. In brief, the ***Solomon Four Group*** design is a way to avoid some of the difficulties associated with the ***Posttest-Only*** and the ***Pretest-Posttest*** Designs. However, the downside is significant if resources and time are limited as they often are. Also, assigning participants to four groups randomly may be disruptive. Moreover, the statistics involved may be very complex and difficult except for the most experienced and well-sponsored project staff.

NEXT

Posttest-Only Control Group Design

Pretest-Posttest Control Group Design

Across Time Control Group Design

Fully Crossed Factorial Design

Clinical Trials Design

See also

Posttest-Only Control Group Design
Pretest-Posttest Control Group Design
Across Time Control Group Design
Fully Crossed Factorial Design
Clinical Trials Design

Across Time Control Group Design

The Across Time Control Group Design combines the popular ABA single subject research design and the control group design. The ABA design involves the strategic placement of treatments and measurements over time to support making causal inferences across time associated with developmental (and retention/decay) processes across time for a single group, single person, animal, or other object. This design is especially important for studies in which one otherwise lacks control such as the use of control groups to strengthen inferences about the existence, direction, and strength of treatment effects. They also are important for clinical purposes as in evaluating the progress of a client's treatment program.

The Across Time Control Group Design adds the second method of control, namely cross-sectional groups. Therefore this design uses BOTH the strategic employment of groups for control of confounding influences AND the strategic placement of treatments and measurements in time to strengthen inferences about the effects of treatments and their generality to larger populations. In effect, these designs are combinations of the cross-sectional/multiple groups and overtime designs. The pervasive clinical trial is a variation on this design. As a memory aid, think of a matrix consisting of rows and columns containing events, where the rows represent groups and where the columns represent time slots containing treatment and measurement events.

NEXT

Posttest-Only Control Group Design

Pretest-Posttest Control Group Design

Solomon Four Group Design

Fully Crossed Factorial Design

Clinical Trials Design

See also

Posttest-Only Control Group Design
Pretest-Posttest Control Group Design
Solomon Four Group Design
Fully Crossed Factorial Design
Clinical Trials Design

Fully Crossed Factorial Design

A factorial design is used to evaluate two or more independent variables (factors) simultaneously. The treatments are combinations of levels of the factors. The advantages of factorial designs over one-factor-at-a-time experiments is that they are more efficient and they allow interactions to be detected.

The objective of this design is to compare the effects of multiple treatments on an outcome variable. The best way to handle this objective is to assign each treatment to its own group. Thus, if you are comparing two teaching methods for males and females with complete blocking, there would be eight groups. A control group would make a ninth group.

NEXT

Posttest-Only Control Group Design

Pretest-Posttest Control Group Design

Solomon Four Group Design

Across Time Control Group Design

Clinical Trials Design

See also
Posttest-Only Control Group Design
Pretest-Posttest Control Group Design
Solomon Four Group Design
Across Time Control Group Design
Clinical Trials Design

Clinical Trials Design

A "Clinical Trial" is a study that follows selected individuals forward in time from a pre-set baseline, typically in conventional phases, with some participants receiving an intervention and some not (or receiving different interventions). Typically, such studies measure the effects of medical interventions, including therapeutic agents, devices, regimens, and procedures.

Case Management (tracking and recording the actions of participants) is an important dimension of clinical trials. This usually involves the opening of a case by Case Number, taking some prescribed action and recording results, closing the case and reopening it later at scheduled times. Each opening signals a new session.

Clinical Trials are most commonly used in medical, pharmaceutical, and public health research. A major component of the design of clinical trials is usually the provision of mechanisms and procedures for maximizing and assessing "compliance," as in taking a medication daily in the prescribed amount at the prescribed times. An example of a clinical trial in vision science is a test of the efficacy of sustained-release, intraocular implants that deliver ganciclovir in the treatment of cytomegalovirus retinitis in patients with the acquired immunodeficiency syndrome (AIDS). Typically, the study would involve one or more control groups that receive another intervention or a placebo.

NEXT

[sibling

See also
Posttest-Only Control Group Design
Pretest-Posttest Control Group Design
Solomon Four Group Design
Across Time Control Group Design
Fully Crossed Factorial Design

Descriptive Research Methods

Descriptive research methods identify and describe properties of phenomena such as presence/absence, incidence, distribution, relationships/correlates (possible relationships with other phenomena), and trends over time. In general, there are no deliberate interventions to establish causality. Examples include the survey, the case study, qualitative research, observational research, cohort research, archival research, and content analysis.

NEXT

Survey Research

Experimental Methods

See also
Experimental Methods

Survey Research

Survey research is the study of attitudes, beliefs, and behavior of people and their settings through questionnaires administered by mail, handouts, personal & telephone interviews, and the Internet. Surveys typically range from one question spot polls to large-scale studies and sometimes employ panels and time samples. Today, the Internet enables surveys to be conducted completely on-line. Surveys are frequently used in national and local studies of political and economic attitudes and reported behavior. Surveys are used to identify important variables, to increase understanding, and sometimes to promote a change through education. Unlike the experiment, there is no conscious attempt to intervene to determine causality. An example of an application of ProtoGenie in a survey in vision science is an online questionnaire for a sample of individuals who have been fitted with tinted lenses, which seeks to learn whether the lenses were used, how they were used, and what problems were experienced. Classical experiments are sometimes embedded in surveys to study measurement problems associated with the wording and format of questions.

NEXT

See also

Design Genie Project

In today's complex and costly research environment, a person may not know the best research design for his or her study given objectives and resources. ***ProtoGenie*** provides research design assistance in an experimental wizard-like help program called the ***Design Genie***. The purpose of the ***Design Genie*** is to help researchers identify the research method that best serves their objectives and practical needs given resources. It responds to the reality that in practice, research is not a neatly packaged one-shot look at reality, it is sometimes a rather messy process of fits and starts and adaptations to missing information, sporadic peeks at reality, replication, and triangulation, which ultimately is long-term, not short-term. ***ProtoGenie*** is attuned to this kaleidoscopic real world and so the ***Design Genie*** was created to cut through the maze to help researchers identify what design best serves their objectives and practical needs.

The ***Design Genie*** Wizard presents the names of five broad categories of research design with thumbnail descriptions of each, and a "Go" button. The user's choice of the five takes him or her to a page containing a list of sub-categories for that category. Each sub-category has a "Go" button that takes the user to a page containing a list of sub-categories within that sub-category. At each level of detail, users may decide to backtrack and take another look at the options at the higher level and take a different branch. In this way, users progressively zero-in on the design that best fits their research aims and resources.

NEXT

List of Designs with Descriptions

See also
List of Designs with Descriptions

Templates

A *template* is a protocol selected or designed to exemplify or demonstrate a method. A link to *Templates* is located in users' *My Home Page*. The *Templates* page presents a list of available templates. These templates cover the majority of research designs. Clicking on any one of these templates brings up a description of the template. It also identifies the original protocol on which it was based and it presents a *Copy Me* link that makes a copy of the template for the user's personal library. This feature is central to the construction of protocols from templates.

Currently, the list of templates include templates for the following designs:

- Posttest-Only Control Group Design
- Pretest-Posttest Control Group Design
- Solomon Four Group Design
- Across Time Control Group Design
- Fully-Crossed Factorial Design
- Clinical Trials Design
- Survey Research Design

NEXT

Research Designs

Tutorials

Favorites

Stimuli

See also
Research Designs
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Stimuli

Tutorials

There are two sets of tutorials. One involves the construction of protocols from templates and the other involves the construction of protocols from scratch (no template). The Tutorials page presents a list of available tutorials. These tutorials cover the majority of research designs. Clicking on any one of these tutorials brings up step-by-step instructions for creating s protocol to fit a research design. Currently, the list of templates include templates for the following designs:

- Posttest-Only Control Group Design
- Pretest-Posttest Control Group Design
- Solomon Four Group Design

- Across Time Control Group Design
- Fully-Crossed Factorial Design
- Clinical Trials Design
- Survey Research Design

NEXT

Research Designs

Templates

Favorites

Stimuli

See also
Research Designs
Templates
Favorites
Stimuli

Home > Major Features & Functions > MY HOME > Favorites

Favorites

A link to the *Favorites Page* is located in the user's *My Home Page*. The *Favorites Page* lists all of the protocols that a user has bookmarked. A *bookmark* is automatically added when a user opens someone else's protocol. It provides a way for users to keep their eyes on protocols created by other *ProtoGenie* authors that they think may be relevant to their own studies.

NEXT

Research Designs

Templates

Tutorials

Stimuli

See also
Research Designs
Templates
Tutorials
Stimuli

Home > Major Features & Functions > MY HOME > Stimuli

Stimuli

*Stimuli (*short for personal library of stimuli) is located under *Home*. To go to the *Personal Library of Stimuli* page, open *ProtoGenie*, *Log In*, and click on *Stimuli*

Every user has his or her own personal library of stimuli called *My Stimuli*. *Stimuli* include audio, Flash, images, and video.

Users can define a stimulus of any of the four types of *stimuli* for their library by clicking on the *Define Stimuli* link. After adding a stimulus, the main 'images' link on the tertiary bar now shows a list of all of your image stimuli. For each stimulus, you'll see a thumbnail version of the image, the name, the number of times you've used it in a *Treatment* along with other information. On this page, *Stimuli* can be inspected, updated, or deleted.
Once *Stimuli* are defined it is easy to make a *Treatment Event* out of it in the composer. These *stimuli* can be re-used any number of times in any number of *Events* attached to any number of Protocols.
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Research Designs

Templates

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See also
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Favorites

MAKE

A *ProtoGenie protocol* is a detailed software specification of research events, including intervention, control, and guidance events, groups, sessions, and implementations including prompts and program instructions to execute the protocol.

Make is the protocol construction part of *ProtoGenie*. It is one of five *PG Action Areas* located in the top navigation bar (Share, Run, Home, and Personal Account by user's name). Its opening page is *Personal Library*. To go to *Make/Library* open *ProtoGenie, Log In*, and click on *Make*. You will be on the *Personal Library* page under *Make*.

The *Make* area contains only the *Personal Library* link in the second navigation bar until a protocol from the *Library* is opened, at which time there are nine (9) links in the second bar. The first four (4) links after *Library* involve the creation or modification of the selected protocol. They are *Summary*, *Groups*, *Events*, and *Sessions*. The remaining four (4) links involve the implementation of that protocol. They are *Cases*, *Data*, *Collaborations*, and *Tickets*.

The opening page of *Make* is your *Personal Library* of protocols. This page presents a list of all of the protocols that you have created or copied, It also contains a link to a *New Protocol* page, should you want to make a new protocol.

NEXT

Personal Library of Protocols

Protocol Summary (Description)

Creating Groups

Creating Events

Creating Sessions

Testing (Previews & Trial Runs)

MY HOME

SHARE

GATHER, Implement, & Monitor

ACCOUNT (By Name)

ProtoGenie User Relationships

Getting Started

See also
MY HOME
SHARE
GATHER, Implement, & Monitor
ACCOUNT (By Name)
ProtoGenie User Relationships
Getting Started

Personal Library of Protocols

A ***ProtoGenie Protocol*** is a detailed plan for what is going to happen in a study. More specifically, a *ProtoGenie protocol* is a detailed software specification of research events, including intervention, control, and guidance events, groups, sessions, and implementations including prompts and program instructions to execute the protocol.

The user's ***Personal Library*** contains a list of personal protocols belonging to the user. This list also contains the date that the protocol was last modified, the research method (design) used in the study, and options to ***Edit***, ***Copy***, ***Share***, or ***Delete*** a protocol. It also contains a link called ***New***, which takes the user to a blank protocol description where the major parameters of a new protocol are specified.

A user's ***Personal Library*** is brought up by clicking on ***Make*** in the top menu bar which is on every page. It also can be brought up from the user's ***My Hub Page*** by clicking on ***Work on Existing Protocol***, which is one of four links under ***Things To Do***.
In the ***Personal Library*** page, protocols are opened for editing by clicking on the protocol name. This brings up the description (***Summary***) page for that protocol.

NEXT

See also
Protocol Summary (Description)
Creating Groups
Creating Events
Creating Sessions
Testing (Previews & Trial Runs)

Protocol Summary (Description)

A *ProtoGenie protocol* is a detailed software specification of research events, including intervention, control, and guidance events, groups, sessions, and implementations including prompts and program instructions to execute the protocol.

The ***Protocol Summary Page*** is brought up by clicking on a protocol listed in the user's ***Personal Library of Protocols***.

The *Protocol Summary Page* provides information about a protocol that the user has selected. Protocols are constructed by defining the different groups of subjects that will be involved, creating different experimental events that will occur during the protocol, and organizing those events into scheduled sessions. Information provided includes protocol title, author, description, general approach, topic, keywords, method, public/private, when created and when last modified.

The Protocol Summary Page also includes buttons to *Mark a Template*, *Edit* the protocol, *Copy* the protocol, or *Delete* the protocol.

NEXT

Personal Library of Protocols

Creating Groups

Creating Events

Creating Sessions

Testing (Previews & Trial Runs)

See also

Personal Library of Protocols
Creating Groups
Creating Events
Creating Sessions
Testing (Previews & Trial Runs)

Creating Groups

A *Group* is a set of subjects or participants that have been selected to participate in a study.

The *Groups Summary Page* is viewed by clicking on *Groups*, located in the vertical navigation bar on the left side of the *Protocol Summary* page.

NEXT

Groups Summary Pag

Group Description Pag

Email Alerts/Feedback

Personal Library of Prc

Protocol Summary (De

Creating Events

Creating Sessions

Testing (Previews & Tr

See also

Personal Library of Protocols
Protocol Summary (Description)
Creating Events
Creating Sessions
Testing (Previews & Trial Runs)

Groups Summary Page

The *Groups Summary Page* is brought up by clicking on *Groups*, located in the vertical navigation bar on the left side of the *Protocol Summary* page. This page lists all of the groups in a selected protocol. It also contains a link to create *New* groups providing the user has permission to edit the protocol.

NEXT

Group Description Page

Email Alerts/Feedback

See also
Group Description Page
Email Alerts/Feedback

Group Description Page

The *Group Description Page* is where a particular group in a protocol is defined. On this page, a group is named and described. The size of the group is specified. The criteria for who goes into the group is specified and it is decided who will receive emails. This page also contains an *Edit* button to make changes, a *Copy* button to make a copy of the group, a *New Session* button to add a session to this group, and three implementation buttons for *Cases*, *Data*, and *Tickets*.

NEXT

Groups Summary Page

Email Alerts/Feedback

See also
Groups Summary Page
Email Alerts/Feedback

Email Alerts/Feedback

Email alerts/feedback settings are located under a selected *Group* of a selected protocol. To navigate to and peruse email settings, open *ProtoGenie*, *Log In*, click on *New Protocol*, click on *Groups, select* a *Group*, and scroll down toward the bottom of the *Group Summary*.

Email settings are made by clicking on the check mark boxes associated with them. Options are as follows:
1) E-mail the author when the subject completes a session.
2) E-mail the author when the subject completes all of the sessions in a case.
3) E-mail subjects on the day they are due for a session. This only applies to the second and subsequent sessions of multiple-session cases.

4) E-mail the author on the day that a subject becomes overdue for a session. If the subject has been due for a session for 24 hours without completing it, they're considered overdue, and the author will receive this e-mail.
No reminders ever go out more than once.
Every email sends recipients where they need to go. For example, every notice and reminder to authors includes a link that takes them to the corresponding case details page. Every notice or reminder to subjects sends them to the page where they can continue their case.
Mail reminder settings for a *Group* automatically apply to every *Case* (subject) in that *Group*. However, authors can override these settings and set them manually for individual cases. Daily reminders go out once per day at 9:00 PM PST.

NEXT

Groups Summary Page

Group Description Page

See also
Groups Summary Page
Group Description Page

Creating Events

An *Event* is something that is programmed to happen in an experiment, including treatments, measurements, and controlling events. You can think of an *event* as anything that subjects will see on their screens when they participate in the protocol. It also can involve a set of instructions from you or a survey question or an image from your stimulus library accompanied by a question.

The *Events Summary Page* is viewed by clicking on *Events*, located in the vertical navigation bar on the left side of the *Protocol Summary* page. This page lists by name all of events that you have defined. It also contains a

link to create new events (providing you have permission to edit the protocol).

There are four types of *Events*:
1. Measurement Events
2. Treatment Events (including Image Stimulus Events
3. Compound Events
4. Support (Guidance) Events

NEXT

Events Summary Page

Event Description Page

Measurement Events

Treatment Events

Compound Events

Support (Guidance) Events

Personal Library of Protocols

Protocol Summary (Description)

Creating Groups

Creating Sessions

Testing (Previews & Trial Runs)

See also
Personal Library of Protocols
Protocol Summary (Description)
Creating Groups
Creating Sessions
Testing (Previews & Trial Runs)

Events Summary Page

The *Events Summary Page* lists by name all of events that you have defined. It also indicates the type of event, as in *measurement, treatment, support,* and *compound* and it presents the brief description that the user gave it. It also contains a button to create a *New* event (providing you have permission to edit the protocol).

NEXT

Event Description Page

Measurement Events

Treatment Events

Compound Events

Support (Guidance) Events

See also
Event Description Page
Measurement Events
Treatment Events

Compound Events
Support (Guidance) Events

Event Description Page

The *Event Description Page* is where a particular event in a protocol is defined. On this page, an event is named and described. If a prompt is called for, it will appear here. The variable name associated with the event is specified, keywords are shown if used, and it is indicated whether the event prompts for feedback and whether there is a time limit set. The last piece of information is how many sessions use this event. This page also provides a *Preview* button, an *Edit* button, a *Copy* button and three options for the data format including *Chart*, *Map*, and *Table*.

NEXT

Events Summary Page

Measurement Events

Treatment Events

Compound Events

Support (Guidance) Events

See also

Events Summary Page
Measurement Events
Treatment Events
Compound Events
Support (Guidance) Events

Measurement Events

A *Measurement Event* is one of four (4) categories of *ProtoGenie* events (Measurement, Treatment, Compound, and Support). Measurements generally involve things you want to learn about in your study and are usually referred to as "dependent variables" or "response variables" because they depend on or are responses to other factors that you want to explore, evaluate, or use to produce a change. Examples of dependent variables are "jury verdicts," "reading performance," and "reaction time." Variables must be "operationalized," meaning that one must specify exactly how they are measured. For example, a question might be asked or a blood pressure might be taken. These actions are *Measurement Events*. In surveys a *Measurement Event* is an action taken to determine attitudes, beliefs, knowledge, skills, memory, dispositions, and feelings. In experiments a measurement event is an action taken to determine whether something happened or changed in an experiment in response to a treatment (intervention or stimulus). *Measurement Events* can be scaled at any level, nominal, ordinal, interval, and ratio. There are six (6) types of Measurement Events:

- *Checkbox Event*
- *Choice Event*
- *Multiple Choice Event*

- *Numeric Event*
- *Short Answer Event*
- *Slider Event*

Variations of these six types of events cover the full range of popular measurement instruments including List Boxes, Fill-In-The-Blank, True or False, Ranking and Rating, and Matching Instruments,

NEXT

Checkbox Event

Choice Event

Multiple Choice

Numeric Event

Short Answer Event

Slider Event

Events Summary Page

Event Description Page

Treatment Events

Compound Events

Support (Guidance) Events

See also

Events Summary Page
Event Description Page
Treatment Events
Compound Events
Support (Guidance) Events

Checkbox Event

The *checkbox* event is a question or prompt associated with a check box for a binary choice, as in on or off or yes and no.

Setup operations consist of *Event Name, Main Prompt, Checkbox Label, Event Description, Event Variable, Event Keywords, Feedback, and Time Limit.*

NEXT

Choice Event

Multiple Choice

Numeric Event

Short Answer Event

Slider Event

See also

Choice Event
Multiple Choice
Numeric Event
Short Answer Event
Slider Event

Choice Event

The *Choice* event is a question or prompt associated with two or more choices each associated with a check box for indicating one's choice. Number of choices is determined by typing in a choice and hitting Return.

Setup operations consist of *Event Name, Main Prompt, Choices, Event Description, Event Variable, Event Keywords, Feedback, and Time Limit.*

NEXT

Checkbox Event

Multiple Choice

Numeric Event

Short Answer Event

Slider Event

See also

Checkbox Event
Multiple Choice
Numeric Event
Short Answer Event
Slider Event

Multiple Choice

The *Multiple Choice* event is a question or prompt followed by a list of choices of which the allowed choice or choices is specified. Number of choices is determined by typing in a choice and hitting Return.

Setup operations consist of *Event Name, Main Prompt, Choices, Allowed Choices, Event Description, Event Variable, Event Keywords, Feedback, and Time Limit.*

NEXT

Checkbox Event

Choice Event

Numeric Event

Short Answer Event

Slider Event

See also

Checkbox Event
Choice Event
Numeric Event
Short Answer Event
Slider Event

Numeric Event

The *Numeric* event is a question or prompt followed by box for entering a number. The minimum and maximum admissable numbers and the starting value are specified by the user.

Setup operations consist of *Name, Prompt, Minimum, Maximum, Start Value, Label, Description, Variable, Keywords, Prompt for Feedback, and Time Limit.*
NEXT

Checkbox Event

Choice Event

Multiple Choice

Short Answer Event

Slider Event

See also
Checkbox Event
Choice Event
Multiple Choice
Short Answer Event
Slider Event

Short Answer Event

The *Short Answer* event is a question or prompt followed by a field for entering an answer in text or numbers. A default answer field is presented to give the author the opportunity to specify a default answer.

Setup operations consist of *Name, Prompt, Default Answer, Description, Variable, Keywords, Prompt for Feedback,* and *Time Limit.*
NEXT

Checkbox Event

Choice Event

Multiple Choice

Numeric Event

Slider Event

See also
Checkbox Event
Choice Event
Multiple Choice

Numeric Event
Slider Event

Home > Major Features & Functions > MAKE > Creating Events > Measurement Events > Slider Event

Slider Event

The *Slider* event is a question or prompt followed by thermometer-like graphic with an indicator that can be moved to indicate the degree of something, such as strength of an opinion. This instrument measures variables on a continuous scale. On this graphic, the author specifies the minimum and maximum values and the starting value. The author also can specify labels for positions lying between the minimum and maximum values.

Setup operations consist of *Name, Prompt, Minimum, Maximum, Start Value, Labels, Description, Variable, Keywords, Prompt for Feedback,* and *Time Limit.*
NEXT

Checkbox Event

Choice Event

Multiple Choice

Numeric Event

Short Answer Event

See also
Checkbox Event
Choice Event
Multiple Choice
Numeric Event
Short Answer Event

Home > Major Features & Functions > MAKE > Creating Events > Treatment Events

Treatment Events

A *Treatment Event* is one of the four categories of *ProtoGenie* events. A treatment (stimulus or intervention) event is an action taken to manipulate something in an experiment to study its effects on a dependent variable. For example, you might be interested in studying the effects of drinking coffee on reading performance. Treatment variables are called "treatments," "interventions," "change variables," and "stimuli," depending on the nature and field setting of the study. The statistical term for these variables is generally "Independent variable." Treatment variables can be categorical in measurement as in "gender" or continuous, as in "letter contrast." In statistical analysis, categories are generally called "levels." These levels are often treated as separate treatments. For example, one might investigate and compare the effects of blue, green, gray, and no filters on reading speed. The planned manipulation of an independent variable is a *Treatment Event.*

Automated Stimuli presented directly by *ProtoGenie*, include *Flash Stimuli*, I*mage Stimuli*, and *Video Stimuli* (video clips). Non-Automated Treatments not presented directly by *ProtoGenie* are mediated by individuals personally or by external hardware. In Non-Automated Treatments, *ProtoGenie* gives instructions as to how and when to administer the designated treatments. Automated Treatments are presented online via URLs. There are four (4) types of *Treatment Events*:

- *External (Non-Automated) Event*
- *Flash Stimulus Event*

- *Image Stimulus Event*
- *Video Stimulus Event*

NEXT

External Treatment Event

Flash Stimulus Event

Image Stimuls Event

Video Stimulus Event

Events Summary Page

Event Description Page

Measurement Events

Compound Events

Support (Guidance) Events

See also

Events Summary Page
Event Description Page
Measurement Events
Compound Events
Support (Guidance) Events

External Treatment Event

An *External Treatment Event* is a treatment event that is not administered on the computer and is generally administered by a human or machine other than the *ProtoGenie* computer. An example is a treatment such as a medication administered by a project staff member (or supervised nurse).

The external treatment does not happen on the main *Protogenie* screen: instead, it is administered by an unspecified external source. When the protocol is executed, subjects see the prompt, which gives them explicit instructions as to what they should do in the real world. There will be an answer area where they can type in an open-ended text response.

There are seven types of external treatment event:

- By an unspecified external source.
- On a separate computer near the subject.
- With a machine near the subject.
- Via printed materials accessible to the subject.
- By a researcher in the room with the subject.
- By the subject themselves.
- On a video screen of some kind.

Setup operations consist of *Event Name, Main Prompt, Starting Text, This Treatment will be administered (by), Event description, Event Variable, Event Keywords, Feedback,* and *Time Limit.*

NEXT

Flash Stimulus Event

Image Stimuls Event

Video Stimulus Event

See also
Flash Stimulus Event
Image Stimuls Event
Video Stimulus Event

Flash Stimulus Event

A *Flash Stimulus Event* is a treatment or intervention event in which a Flash movie is presented on the *ProtoGenie* screen followed by the subject's response. This treatment requires that you enter the *.swf file for the Flash movie that you wish to present. The setup for the *Flash Stimulus Event* allows you to create this file on this page - or you can go to your *Home* page and click *Stimulus* in the left vertical menu.

The *Followup Measurement* is selected from the *ProtoGenie* list of measurement events, including the *checkbox, choice, multiple choice, numeric, short answer,* and *slider.*

The full list of setup operations consists of *Event Name, Flash file, Followup measurement, Event Description, Event Variable, Event Keywords, Feedback,* and *Time Limit.*
NEXT

External Treatment Event

Image Stimuls Event

Video Stimulus Event

See also
External Treatment Event
Image Stimuls Event
Video Stimulus Event

Image Stimuls Event

An *Image Stimulus Event* is a treatment or intervention event in which a JPEG of other image is presented on the *ProtoGenie* screen followed by the subject's response. This treatment requires that you enter the select an image file from your image library.

The *Followup Measurement* is selected from the *ProtoGenie* list of measurement events, including the *checkbox, choice, multiple*

choice, numeric, short answer, and *slider.*

The full list of setup operations consists of *Event Name, Main Prompt, Image Stimulus, Followup measurement, Event Description, Event Variable, Event Keywords, Feedback,* and *Time Limit.*
NEXT

External Treatment Event

Flash Stimulus Event

Video Stimulus Event

See also
External Treatment Event
Flash Stimulus Event
Video Stimulus Event

Home > Major Features & Functions > MAKE > Creating Events > Treatment Events > Video Stimulus Event

Video Stimulus Event

A *Video Stimulus Event* is a treatment or intervention event in which a video is presented on the ProtoGenie screen followed by the subject's response. This treatment requires that you select a video file from your image library.

The *Followup Measurement* is selected from the *ProtoGenie* list of measurement events, including the *checkbox, choice, multiple choice, numeric, short answer,* and *slider.*

The full list of setup operations consists of *Event Name, Main Prompt, Video Stimulus, Followup measurement, Event Description, Event Variable, Event Keywords, Feedback,* and *Time Limit.*
NEXT

External Treatment Event

Flash Stimulus Event

Image Stimuls Event

See also
External Treatment Event
Flash Stimulus Event
Image Stimuls Event

Home > Major Features & Functions > MAKE > Creating Events > Compound Events

Compound Events

A major task in the construction of research protocols is the definition of simple events. But, an equally critical task is to make explicit exactly where, when, and how these simple-events are to be executed during a run. The specification of where, when, and how is the function of ***Compound Events***. In effect, ***Compound Events*** organize and manage simple events. As such, All ***Compound Events*** involve collections of ***Events***. Examples include the collection of events under the ***Collection Event*** to present them on the same Webpage as opposed to the default which is one-to-a-page (sequentially). All ***Compound Events*** use the "Generic Event Collection & Ordering Dialog" consisting of two panels with an arrow connecting them. ***Compound Events*** can be nested in other ***Compound Events*** just as simple events are collected under ***Compound Events***. There are three (3) ***Compound Events:***

- *Branching Event*
- *Collection Event*
- *Iterator Event*

NEXT

Branching Event

Collection Event

Iterator Event

Events Summary Page

Event Description Page

Measurement Events

Treatment Events

Support (Guidance) Events

See also

Events Summary Page
Event Description Page
Measurement Events
Treatment Events
Support (Guidance) Events

Branching Event

A ***Branching Event*** is an event that conditionally sends a subject to a target event in the protocol depending on the subject's response to a question. ***Branching Events*** require a companion measurement event. When the protocol runs, the response the subject gives to that companion measurement is used to decide which collection of events to show next. All measurements except Short Answers can be used as the basis for a branching event.
The full list of setup operations consists of ***Event Name, Main Prompt, Companion Measurement Menu, Conditions Menus, Events Table containing All Available Events and Events Shown when test passes and Events table containing All Available Events and Events shown when test fails.*** The remaining setup operations are ***Event Description, Event Variable, Event Keywords, Feedback,*** and ***Time Limit.***

NEXT

Collection Event

Iterator Event

See also
Collection Event
Iterator Event

Collection Event

A *Collection Event* enables you to select events of diverse types from a list of all available events that will appear on a single screen. For example, you may wish to present an image stimulus followed by a multiple choice measurement on the same page.
The list of setup operations consists of *Event Name, Main Prompt, Events Table containing All Available Events and Events in This Collection*. The remaining setup operations are *Event Description, Event Variable, Event Keywords, Feedback,* and *Time Limit.*

NEXT

Branching Event

Iterator Event

See also
Branching Event
Iterator Event

Iterator Event

An *Iterator Event* enables you to instruct *ProtoGenie* to repeat an event or collection of events a designated number of times. For example, you may wish to repeat events A, D, and G three times in that order or in random order.

The list of setup operations consists of *Name, Prompt, Events Table containing All Available Events and Events in This Iterator.* The remaining setup operations are *Number of times to repeat the collection, Show the collection in random order? Event Description, Event Variable, Event Keywords, Feedback,* and *Time Limit.*
NEXT

Branching Event

Collection Event

See also
Branching Event
Collection Event

Support (Guidance) Events

The "tactical" or "operational" part of research protocols (by which we mean ***Treatments***, ***Measurements***, and ***Compound Events***) is vital in a study protocol. But much of what has to be done in the conduct of a study involves study management functions, such as alerts, status reports, explanations, prompts, and instructions and these tasks have to be carefully spelled. Unlike ***Treatment*** or ***Measurement Events*** in a protocol, ***Support Events*** are events and collections of events created and strategically placed to make ready, facilitate, guide, or otherwise manage a study.

Developers are in the process of extending support beyond automated data collection into institutional support and accountability support such as that defined in the Food & Drug Administration's recommendations for clinical trial research. Examples include automatic audit trails and support for human participant protections. There are three (3) Support Events:

- *Guidance Event*
- *Page Break Event*
- *Unspecified Event*

NEXT

Guidance Event

Page Break Event

Unspecified Event

Events Summary Page

Event Description Page

Measurement Events

Treatment Events

Compound Events

See also
Events Summary Page
Event Description Page
Measurement Events
Treatment Events
Compound Events

Guidance Event

The purpose of the ***Guidance event*** is to provide a place to insert an instruction or information that guides subsequent events. It is sometimes referred to as a ***support event***. it is initiated under ***New Event*** on the ***Events Page***.

Setup operations consist of ***Event Name, Main Prompt, Event Description, Event Variable, Event Keywords, Feedback,*** and ***Time Limit.***
NEXT

Page Break Event

Unspecified Event

See also
Page Break Event
Unspecified Event

Page Break Event

A ***Page Break event*** is just that. It inserts a page between an event or collection of events and another event or collection of events. In effect, it spreads out your protocol onto multiple screens. You can re-use just one page break event over and over on the sessions screen or you can make multiple page breaks, give them each a name, and use them to organize your sessions as you see fit.
The ***Page Break event*** is initiated under ***New Event*** on the ***Events Page***.
Setup operations consist of only one operation, which is the ***Event Name.***
NEXT

Guidance Event

Unspecified Event

See also
Guidance Event
Unspecified Event

Unspecified Event

The *Unspecified event* is a catch-all event. For example, you may want to insert a place holder or "null event" to align the execution of events in the control group with the events in the treatment group. It is initiated under *New Event* on the *Events Page*.

Setup operations consist of *Event Name, Main Prompt, Event Description, Event Variable, Event Keywords, Feedback,* and *Time Limit.*

NEXT

Guidance Event Page Break Event

See also

Guidance Event
Page Break Event

Creating Sessions

ProtoGenie Sessions consist of different sets of events for the same group over time. For example, one session might consist of treatments 1 and 2 with measurements A and B and take place at time 1. Another session might consist of totally different treatments and measurement and take place at time 2. Sessions often correspond to the division of studies into phases. For example, clinical trials generally have a Phase I that gathers baseline data and a Phase II that presents an intervention or treatment. These are Sessions 1 and 2 respectively.

The beginning and ending of a *session* generally coincides with the opening and closing of *a protocol*. The exception to this definition of a session is when events are repeated within sessions having intervals longer than one day such that the protocol is naturally closed between repetitions. These repetitions are not sessions even though they involve the opening and closing of a protocol.

The *Sessions Summary Page* is viewed by clicking on *Sessions*, located in the vertical navigation bar on the left side of the *Protoc Summary* page. *This page* contains a list of *Sessions* by *Group* and their major properties, including the *Time,* when the sessions will be executed, whether there will be repetitions of sessions, and the number of events in each group.

Sessions are added on the *Sessions* page by clicking on *New Session* and the *group* under it to which the the *session* should be added and then filling in the information requested.This includes the scheduling of events for the selected group.

NEXT

Repeating Events With Scheduling Groups & S Event Presentation: Ser

Personal Library of Prc

Protocol Summary (De

Creating Groups

Creating Events

Testing (Previews & Tr

See also
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Protocol Summary (Description)
Creating Groups
Creating Events
Testing (Previews & Trial Runs)

Repeating Events Within Sessions

Events that are to be repeated within a session are scheduled on the ***Session Description Page*** for the relevant Session and group under the link labeled ***Scheduling options*** at the top of the page. Options include setting the ***Initial time***, ***Initial time units***, number of ***Repeats***, ***Repeat time***, and ***Repeat time units***. This feature enables the scheduling of repeated events within sessions for any number of repetitions with any intervals between them. Repetitions of events occur over time and may involve the closing of the protocol between repetitions, but they are not separate sessions.

NEXT

Scheduling Groups & Sessions

Event Presentation: Serial or Slide Show

See also
Scheduling Groups & Sessions
Event Presentation: Serial or Slide Show

Scheduling Groups & Sessions

Scheduling groups and events is done on the *Sessions* page under the option *Edit* (by Group). Login, click on the protocol that you are working on, click on Sessions. and then click on *Edit* for one of the Sessions. *Edit* presents a drag-and-drop interface for arranging *Events* in time and order. On this page, you drag and drop events from the list of *All Available Events* on the left to the list of *Scheduled Events* on the right. When you click on the 'create' or 'update' button on the bottom of the page, your events will be saved in the correct order. When you come back to this scheduling page later, the correct events will appear in the order that you set.

NEXT

Repeating Events Within Sessions

Event Presentation: Serial or Slide Show

See also
Repeating Events Within Sessions
Event Presentation: Serial or Slide Show

Event Presentation: Serial or Slide Show

Event Presentation or *Event Paging* refers to the assignment of events to webpages. Pages may present multiple events, which is the default setting, or they may present a single event on a page. Single event *(Slideshow)* presentation is set by clicking on the *Slideshow* box under the *Edit* option of the *Sessions* page. A multiple event page does not have to be set because it is the default setting.

Single event (per page) *Slideshow* presentations are frequently used if memory or"halo" effects among events are of concern. Under slideshow presentation, subjects cannot see previous events, such as questionnaire items. As an example of the *Slideshow* (single event to a page) presentation, think of a questionnaire situation where respondents are presented with the first question. Respondents answer and click NEXT to proceed to the next page containing the second question. In effect, the single event *Slideshow* paging option says, "Give this event a Web page of its own."

Multiple event pages can contain treatment events (as in image stimuli), measurement events, support events, and compound Events. or combinations of all four. By contrast the multiple event default paging option displays multiple events on a single scrollable page. For example, for a questionnaire situation, respondents are presented a number of questions on the same webpage. After answering all of the questions respondents click NEXT and proceed to the next single (Slideshow) or multiple event page. A multiple event page consisting of questions can be printed out as a traditional questionnaire or form.

NEXT

Repeating Events Within Sessions

Scheduling Groups & Sessions

See also
Repeating Events Within Sessions
Scheduling Groups & Sessions

Testing (Previews & Trial Runs)

There are two kinds of test runs: Dry Runs and Wet Runs. Dry Test Runs do not involve the execution of the protocol. They display what the subject will see in the specified order, but they do not test the storage and retrieval of data. These are done through the *Preview* functions associated with the creation and editing of groups, events, and sessions. To test run (look at) a session click on *Sessions* under the *Make* link and click on *Preview*. To navigate to and peruse the *Sessions* page where dry-runs for whole *Sessions* are made, open *ProtoGenie*, login, click on Demo Protocol, click on *Sessions*. and then click on *Preview* for the desired *Session*.

Wet Test Runs involve the full execution of the protocol as compared to previews. Their purpose is to test whether the data are being stored properly and that they appear correctly for analysis in the *Results* page of *ProtoGenie*. Data collected from wet runs must be deleted from PG storage before studies are officially launched or they must be removed from files downloaded for analysis. To delete data collected from a Wet Test Run, click on *Cases* under the *Make* navigation bar. Delete any cases listed in the list of Cases by clicking on the *Delete* option associated with each case on this page. An alternative wet-testing procedure is to copy a group, give it a name like "Testing Group," run the protocol for that *group* using *Tickets*, examine the results, and then delete the testing *group*.

NEXT

Personal Library of Protocols

Protocol Summary (Description)

Creating Groups

Creating Events

Creating Sessions

See also

Personal Library of Protocols
Protocol Summary (Description)
Creating Groups
Creating Events
Creating Sessions

SHARE

A *ProtoGenie* protocol is a detailed software specification of research events, including intervention, control, and guidance events, groups, sessions, and implementations including prompts and program instructions to execute the protocol. Protocols are what is shared by *ProtoGenie* users.

Share reflects the working-together spirit of *ProtoGenie*, whose motto says "Share unto others as you would have them share unto you." It is one of five PG *Action Areas* located in the top navigation bar. Its opening page is the *Public Library* of protocols. To go to Share/Public Library open *ProtoGenie*, Log In, and click on *Share*. You will be on the *Public Library* page under Share. In addition to the opening page (*Public Library*), the *Share* area consists of four other pages, all involving sharing, communicating, and collaborating. They are *Permissions, Participate, Contacts, Everyone, and Messages.*

NEXT

Public Library of Protocols

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Participate

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Everyone

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MAKE

GATHER, Implement, & Monitor

ACCOUNT (By Name)

ProtoGenie User Relationships

Getting Started

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ACCOUNT (By Name)
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Public Library of Protocols

Public Library is the opening page under *Share*. To go to the *Public Library* page open *ProtoGenie*, Log In, and click on Share, and you will be in your *Public Library* of protocols. This page contains a list of all protocols that have been designated PUBLIC by *ProtoGenie* members, with information on the date last modified, the research method (design) used in the study, and the option to *Copy* a protocol, In the *Public Library* page, you can select a protocol for automatic copying by clicking on the protocol name. This brings up the description (Summary) page for a copy of that protocol. At this point, the second bar contains seven (7) links for the creation or modification of the copied protocol and its implementation, They are Library, Summary, Groups, Events, Sessions, Cases, and Data.

Because the list of public protocols is long you can use the *ProtoGenie* search tool to find the protocol that most interests you for possible use. You can search by author name, protocol number, title, description, method, and key word. There are two levels or modes of searches, *Basic* and *Advanced*. *Basic* is the default mode. Under this mode, text you type into the search box will search for matches anywhere in the protocols, including author name, protocol title, description, and research method. Under *Advanced*, you can make discrete searches for just the fields in which you are interested.

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Permissions

A *ProtoGenie* protocol is a detailed software specification of research events, including intervention, control, and guidance events, groups, sessions, and implementations including prompts and program instructions to execute the protocol.

Permissions is located under ***Share*** inside an active (opened) protocol. To navigate to and peruse the *Permissions* page, open *ProtoGenie*, *Log In*, click on *Share* and then on *Permissions*.
There are two ways that ProtoGenie protocols are used by people other than the authors. The first category involves protocol development (via Permissions) while the second involves data collection by subjects through executing protocols (via Tickets). Permissions applies to the first category. Specifically, permissions involves giving designated study collaborators access to a protocol in the composer with specific permissions and restrictions, including permission to view results, to edit the original, and to make personal copies under different protocol names and numbers and authors' names. For information on Tickets , click here.
On the Permissions page you'll see a list of all the protocols that you've given out or received permissions for. As you can see on the Permissions Page, there's a third-level navigation bar that lets you toggle between protocols in which you've given permissions, and protocols in which you have received permissions. Adjacent to the title of each protocol listed, there is a number indicating the number of collaborators (persons for whom you have given permissions).
Permissions is the first sub-area of the *Collaborate* main area. This page presents a list of all the protocols that you have given permissions for or have been given permissions for. A tertiary navigation bar lets you toggle between protocols where you have given permissions and protocols where you've received permissions.
NEXT

Permissions Given

Permissions Received

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Permissions Given

Under *Permissions Given* is a list of protocols that you have given access to other *ProtoGenie* members. To navigate to and peruse the *Permissions Given* page, open *ProtoGenie*, *Log In*, click on *Share*, click on *Permissions*, and then on *Permissions Given*. You can click on any protocol in this list and go back to the composer for it. As always, clicking on the name of a protocol takes you to the composer for that protocol.

To give permission to a protocol, you enter the names of the persons to whom you want to provide access. Then, for each person in your list of people with permissions, you click on which of four levels of access you wish to provide: *Can View*, *Can Edit*, *Can Run*, and *Can View Results*. The 'Can View' permission lets the designated user review the protocol in the composer, even if it's private. He/she can review the groups, sessions, and events, but cannot make any changes. The 'Can Edit' permission lets the designated person make changes in the composer. The 'Can Run' permission lets the designated person create and modify tickets. Tickets are how runs are initiated. The last permission, which is 'Can View Results' let's the designated person review all of the data gathered via the protocol, even if the protocol is private. Clicking this icon takes you straight to a review of all of the cases currently linked to the protocol, sorted by group membership.

NEXT

Permissions Received

See also
Permissions Received

Permissions Received

Under *permissions received* on the Permissions Page is a list of protocols for which you have received permission to use in the ways specified by the authors. To navigate to and peruse the *Permissions Received* page, open *ProtoGenie*, *Log In*, click on *Share*, click on *Permissions*, and then on *Permissions Received*.

Under *permissions received*, you can click on any protocol in the summary table and go back to the composer for it. As always, clicking on the name of a protocol takes you to the composer for that protocol. As the recipient of permissions to use a protocol, you do not own that protocol, but have permission from the authors to use it in specified ways. The little green check marks in this table are live links corresponding to what you can do. The *view* or *edit* check marks will go to the Composer for this protocol. The *run* check mark will run it. More specifically, the 'Run' permission lets you create and modify tickets to set up a run. the last permission is *results,* which lets you review the results of previous runs.

NEXT

Permissions Given

See also
Permissions Given

Participate

Participate is located under *Share* inside an active (opened) protocol. To navigate to and peruse the *Participate* page, open *ProtoGenie*, *Log In*, click on *Share*, and click on *Participate*.

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Public Library of Protocols

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Contacts

Contacts is located under *Share* inside an active (open) protocol. To navigate to and peruse the *Contacts* page, open *ProtoGenie*, *Log In*, click on *Share*, and then on *Contacts*.

The *Contacts* page contains a list of people you've specifically added as contacts. It will be empty to start, but once you've added people as contacts, you can connect with them on this page. After you have added someone to your contacts list, with one click you can send them an inside-ProtoGenie message. Your contact list is also used to pre-populate pull-down menus inside the *Permissions* page.

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Public Library of Protocols

Permissions

Participate

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See also
Public Library of Protocols
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Messages

Home > Major Features & Functions > SHARE > Everyone

Everyone

Everyone is located under *Share* inside an active (open) protocol. To navigate to and peruse the *Everyone* page, open *ProtoGenie*, *Log In*, click on *Share*, and click on *Everyone*.

The *Everyone* Page contains a list of all *ProtoGenie* users. If you wish, you can set your privacy settings so that your name does not appear in this list. This page also contains a search field where you can type in names, e-mail addresses, or any word to match any part of the users' profile associated with the person you want to reach. You can add people to your *Everyone* contacts list with one click and you can view a person's profile by clicking on his or her portrait.

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Home > Major Features & Functions > SHARE > Messages

Messages

Messages is located under *Share* inside an active (open) protocol. To navigate to and peruse the *Messages* page, open

ProtoGenie, *Log In*, click on *Share*, and click on *Messages*.

The *Messages* feature of ProtoGenie is in effect a miniature e-mail application for sending messages to other users and receiving messages from them. Its purpose is not to replace anyone's regular email service. It purpose is to enable quick and easy communication among colleagues and other authors without having to leave ProtoGenie free of issues involving spam filters and other distractions. This page will have dynamic alert features to let you know when you have a message.

The link called *Messages* is the fourth and last sub-area of the *Collaborate* main area. This page contains a miniature e-mail application, for sending messages to and from other *ProtoGenie* users. This facility is not intended to replace users' e-mail systems, but it is important for authors to have at their fingertips a way communicate with each other within the site itself - free from spam. this system will alert people when they have messages.

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Public Library of Protocols

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GATHER, Implement, & Monitor

The *ProtoGenie Gather* link covers the execution, implementation, and monitoring parts of *ProtoGenie* protocols. It is one of five PG Action Areas located in the top navigation bar. Its opening page is *Cases*. To go to *Gather*, open *ProtoGenie*, log In, and click on *Gather* in the top menu. You will be on the page called *Cases*. The Gather area contains three (3) links, *Cases, Tickets*, and *Data*. The *Cases* page contains all of the information for one subject participating in one protocol. The *Tickets* page gives protocol authors control over the 'who', 'how', and 'when' of their protocol executions. The *Data* page presents the results (data) of your study in formats of your choice up to moment that you look at it.

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ProtoGenie User Relationships

Getting Started

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Protocol Implementation

Protocol Implementation and Control.
The overarching objective of research design is to achieve maximum control over extraneous and confounding influences that threaten the validity of the research (given resources and other practical constraints). Some research designs provide greater control and hence greater validity than others. *ProtoGenie* covers a wide range of *Research Designs*, ranging from descriptive to experimental designs. But, control and validity do not begin and end with *Research Design*. Control and validity are enhanced or diminished by one's *Implementation Design*. There are two broad interconnected dimensions of *ProtoGenie* Implementation, namely, access and control via the innovative *ProtoGenie TICKET* and types of implementation made possible by *ProtoGenie's* online technology.

There are three fundamentally different types of *ProtoGenie* implementation based on whether pre-run information is available and on who administers the session, researchers or subjects. They are *Traditional*, *At Large*, and *Offsite Connected* implementations.

Traditional Implementation *[Highly Controlled and Precise]*
In the *Traditional Implementation,* researchers administer the protocol. Traditional Implementations are for rigorous, highly controlled, precise, experiments, usually with small carefully selected samples and with sessions administered and supervised onsite by researchers. This Implementation is characterized by extensive pre-run communication between researcher and participants to interview, screen, sort into groups, make appointments for meetings with researchers in the lab, and instruct participants how to register with *ProtoGenie* for a login name and password.

At Large (Accelerated) Implementation *[Quick, Convenient, and Inexpensive]*
In the *At Large Implementation*, participants self-administer the protocol, which is made possible by *ProtoGenie* online technology. It is designed for less expensive, quick, exploratory, pre-experimental studies self-administered off-site by the participants. This implementation provides less control over threats to internal validity than the *Traditional Implementation*, but it provides a very inexpensive and easy way to identify important variables and relationships for subsequent tightly-controlled research. This implementations is characterized by little or no pre-run communication with unregistered participants. Consequently, a work-around may be necessary in order to use it with factorial designs where there are control variables, such as gender.

Offsite Connected Implementation *[Mixture Control and Convenience]*
As in the *At Large Implementation*, participants in the *Offsite Connected Implementation* self-administer the protocols. *ProtoGenie* online technology, provides much of the internal validity control of the *Traditional implementation* but with the lower costs, convenience, and external validity of the *At Large* Implementation. Like the *Traditional Implementation*, the *Offsite Control* Implementation is characterized by extensive pre-run communication between researcher and participants to interview, screen, sort into groups, and instruct participants how to register with *ProtoGenie* for a login name and password. Unlike the *Traditional implementation*, participants do not meet face-to-face with researchers.

NEXT

Mobile Data Collection | Create Tickets | Monitoring & Reviewing Results

See also
Mobile Data Collection
Create Tickets
Monitoring & Reviewing Results

Mobile Data Collection

M-Research (Mobile Research) is a new kind of research that is made possible by mobile telecommunication and Internet technology. M-Research is new but it is bursting out in the footsteps of M-Health, which is the use of mobile devices to support health care delivery systems. Both are made possible by the explosive growth of mobile telecommunications and mobile computer devices, as they are manifest for example, in the smart phone. Worldwide, the number of global mobile phone subscribers in 2007 was estimated at 3.1 billion of an estimated global population of 6.6 billion (47%). These figures were projected to grow to 4.5 billion by 2012, or a 64.7% mobile penetration rate. Today, approximately 91% of all people on earth have a mobile phone and 56% own a smart phone.

M-Research, such as surveys and experiments conducted on mobile devices is used for data collection by researchers in the lab or in the field to administer treatments and take measurements, as in observational studies of children in the class room or other settings. Data can be systematically observed and recorded according to research protocols or scripts on M-Devices. Data can be video or audio recorded for later analysis. Mobile devices can also be used by participants in experiments in the lab or in the field. For example, participants in clinical trials can be instructed by a *ProtoGenie* protocol on inexpensive mobile devices in their homes to self-administer treatments and interventions and to input their responses and self-reporting of study relevant material. The low price and ubiquity of M-Research by *ProtoGenie* will open the way for research that would never be done without it. It will enable the analysis of human behavior in its natural settings. *M-Research* means the leveling of the playing field. It is in the emergence of small science to fill the innumerable gaps left by big science. *ProtoGenie* is the heretofore missing ingredient that makes *M-Research* happen by providing the online tools that enable the design of studies, the automated collection of data, and the organizing of data for data analysis.

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Protocol Implementation

Create Tickets

Monitoring & Reviewing Results

See also
Protocol Implementation
Create Tickets
Monitoring & Reviewing Results

Create Tickets

Tickets gives protocol authors control over the 'who', 'how', and 'when' of their protocol executions. These tickets

specify which protocol and group particular runs apply to, the number of times the ticket can be re-used, and the expiration date. Additionally, the ticket specifies whether the subject will be anonymous or must have a *ProtoGenie* account (email & password). It also specifies whether subjects are to be assigned to groups randomly and it specifies how many tickets will be issued.

Every ticket that is issued contains a URL for running the protocol under the conditions of that ticket. That URL can be run in the laboratory by researchers or subjects or it can be copied and pasted into emails, webpages, social networks, or other communication formats for recipients to run..

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Protocol Implementation

Mobile Data Collection

Monitoring & Reviewing Results

See also
Protocol Implementation
Mobile Data Collection
Monitoring & Reviewing Results

Home > Major Features & Functions > GATHER, Implement, & Monitor > Monitoring & Reviewing Results

Monitoring & Reviewing Results

Monitoring & Reviewing Results involves ***Cases*** and ***Data***, which are located under ***Gather & Share*** in the left vertical menu or under ***Gather*** in the top menu. The ***Cases*** page contains all of the information for one subject participating in one protocol. In effect, the ***Cases*** Page is your case manager page, where you keep track of all of the sessions for all of the cases for all of the people participating in your protocols. The ***Data*** page presents the results (data) of your study in your choice of format up to the moment that you look at it.

NEXT

Cases

Data (Run Results)

Protocol Implementation

Mobile Data Collection

Create Tickets

See also
Protocol Implementation
Mobile Data Collection
Create Tickets

Cases

The link to ***Cases*** is located under ***Gather*** in the top menu bar and then under ***Data*** in the vertical bar on the left side of the page. The ***Cases*** page contains all of the information for one subject participating in one protocol. Each case represents one subject participating in one experimental group (or survey panel). If multiple sessions are involved for any group, the case is what ties all of sessions together. If there is only one session, you might choose to use the datacentric view of the data.

The ***Cases*** page provides a summary of activity for the active protocol. Specifically, it provides the group name, progress in %, author (PI), prior session in days and hours ago, and next session date and time, You are given the options to view, edit, or delete one or more groups, Additionally, you can look at the results for cases using the Cases link and you can use the ***Tickets*** link to obtain access for participants.
In effect, the ***Cases*** Page is your case manager page, where you keep track of all of the sessions for all of the cases for all of the people participating in your protocols. This includes managing ongoing cases, reviewing results, and creating invitations for people to participate in your protocols. Invitations can be sent out either as messages to other ***ProtoGenie*** users via the internal ***ProtoGenie*** e-mail system or as regular e-mails to people who aren't registered ***ProtoGenie*** users.

NEXT

Data (Run Results)

See also
Data (Run Results)

Data (Run Results)

The link to ***Data*** is located under ***Gather*** in the top menu bar and then under ***Data*** in the vertical bar on the left side of the page. The ***Data*** page presents the results (data) of your study in your choice of format up to the moment that you look at it. For example, you can view the data in a tabular format that shows you all of the protocols that have been run at least once, listed in order of most recent activity. Protocols that you've marked as ***archived*** do not appear in the list. To view the results for a particular protocol you click on the protocol name in the list of protocols. In addition to table format, you can view your data in chart format. You can view it one datum at a time or you can view it aggregated across groups and protocols. You also can download the entire data set for a protocol in a comma-delimited format, which you can import into the spreadsheet or statistical analysis program of your choosing.

A ***datum*** is one response from a subject to one of the your events. If you asked subjects to write a short answer, or choose an item from a menu, their response will be recorded in the datum for that event. A datum is created for every event, even ones (such as guidance events) that don't ask the subject to give a response. In those cases, ***ProtoGenie*** still records the exact time the event was shown to the subject, the exact time they submitted that page back to the server, and so on.

NEXT

Cases

.

See also
Cases

ACCOUNT (By Name)

The *Account name* Area contains members account information. It is one of five PG Action Areas located in the top navigation bar (Make, Share, Gather, Home, and Account [by user's name]). Its opening page is *Account*. To go to Account Name/Account open *ProtoGenie*, Log In, and click on *Account Name*. You will be on the page called *Account* under *Account Name*. The *Account Name* area contains seven (7) links: *Account, My Profile, Edit Profile, Preferences, Change Password, Change Email* and *Billing*. The names of these pages suggest their contents.

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Account Info

Account Info is located in the second navigation bar under *Account.* To *go to Account Info*, open *ProtoGenie*, log in, and click on *your Account* Name. *Account* contains your account information including whether the account is active, account type, and date of membership registration. If you have an 'administrator' or 'faculty' account, there will be a link to the *Admin-Contol Panel* and a link to *Send Mail as Admin*.

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Types of ProtoGenie Accounts

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Types of ProtoGenie Accounts

There are two basic types of ProtoGenie accounts or memberships: *PG Registered Membership* and *PG Subscription Membership*. Under *PG Subscription Membership,* there are three subscription payment plans: *Monthly, Annual, and Student*. Details are as follows:

Registered PG Memberships
Registered Members are signed up with *ProtoGenie*, but they may or may not have a paid subscription. Registered members without a subscription can do the following:

- Open ProtoGenie,
- Use the PG Help Resources Center tools, including FAQs and tutorials. (Protocols built from tutorials cannot be executed).
- Read ProtoGenie Assurances: Terms of Service, Privacy Policy, & Security.
- Find other users.
- Search for related protocols and look within existing protocols.
- Review Research Designs supported by ProtoGenie.
- Read about and copy available PG templates.
- Copy existing protocols and modify them,
- Create protocols from templates or from scratch.
- Look over tutorials provided for step-by-step instruction for creating protocols.

- Create tickets for running protocols, (but cannot execute them).

Registered Members without active subscription CANNOT:

- Execute protocols and collect data. To execute protocols, Registered Members must have a currently active paid subscription.

PG Subscription Memberships
Subscription Members have full access to *ProtoGenie*, including the ability to execute protocols and collect data. Subscription Members are necessarily Registered Members. There are three payment plans available to Subscription Members:

Monthly Plan
Annual Plan
Four Month Student plan (enrolled in a research oriented class).

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Registered PG Memberships

PG Subscription Memberships

See also

Registered PG Memberships

To become *Registered PG Members* applicants do the following:

- Open the *ProtoGenie* Web link *http://protogenie.com/* .
- Click on the link labeled "Sign Up" or click on the *Sign Up* link at the top right of the top menu bar.

On the sign-up page, applicants:

- Enter a user name, which is the person's email address or another name of your choosing.
- Enter a current personal email address.
- Create a *password* and confirm that password.
- Read the *Terms of Service* and click on the box that says, *I have read and agree to the Terms of Service.*
- Type in the *Captcha (*or type in the numerical day of the month).
- An application is submitted by clicking on *Sign Up*.
- After submission, applicants receive a confirmation email that states that they have successfully applied for a *Registered PG Membership*. This message states that to activate that account, applicants must click on the activation link.
- After clicking on the activation link, applicants get a page in the ProtoGenie composer labeled SHARE. This page contains the message "Your account has been activated and you have been signed in." This page also contains places to enter your profile information if you desire.
- From this page, users can browse the ProtoGenie composer by clicking *Home* or other item in the top menu bar or they can apply for a subscription membership by clicking *Account* the top menu bar. See next page.

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PG Subscription Memberships

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PG Subscription Memberships

To apply for *ProtoGenie Subscription Membership*, users must be *Registered PG Members*. See Becoming a *Registered PG Member*.

To become *PG Subscription Members* with full access applicants:

- Open the *ProtoGenie* We*b* link *http://protogenie.com/* .
- Log in to their Registered Member Account by clicking on Log in the top menu bar. Enter their Login name and password and click *Log In*.
- To apply for a PG subscription, applicants click on their account name on the right side of the top menu bar. This is usually the applicant's name. If the mouse is moved over that name, the tooltip will say " Visit your account status area,"
- The page that comes up tells applicants that their subscription is *inactive* (because they have not applied for it yet). It also tells them that their account type is *Registered User*.
- This page also contains a link that says, *Subscribe now to begin gathering data today!* Applicants click on this link.
- The page that comes up is called Subscription Status containing the instructions: Purchase a Subscription; Provide your payment details to start your subscription today.
- Under *Select Plan*, applicants select one of three plans: *ProtoGenie Student*, *ProtoGenie Annual*, and *ProtoGenie Monthly*.
- This brings up a conventional page for credit card information. When this is completed, applicants will have a subscription membership with full access to ProtoGenie features, including protocol execution and data collection.

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Registered PG Memberships

1.

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Registered PG Memberships

My Profile

My Profile is located in the second navigation bar under *Account Name.* To go to to *My Profile*, open *ProtoGenie*, log in, click on *Account Name*, and then on *My Profile*. *My Profile* is where you enter your profile information, which is what other users see when they click on your profile from the list of all users in the *Everyone* page.

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Edit Profile

Edit Profile is located in the second navigation bar under *Account Name.* To go to *Edit profile*, open *ProtoGenie*, log in, click on *Account Name*, and then on *Edit profile.*

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Edit Profile is where you make changes in your profile. You are free to change any or all of this information. You can upload an image if you choose, or use the randomly-generated geometric picture you get by default.
The three levels of privacy are:
i) *Open* -- everyone can see your profile, even if they're not a ProtoGenie user
ii) *Registered* -- only registered ProtoGenie members can see your profile
iii) *Closed* -- only administrators can see your profile

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Home > Major Features & Functions > ACCOUNT (By Name) > Preferences

Preferences

Preferences is located in the second navigation bar under ***Account Name***. To go to ***Preferences***, open ***ProtoGenie***, log in, click on ***Account Name***, and then on ***Preferences***. The ***Preferences*** page is where you select privacy settings, privacy settings for new protocols, and whether to receive automated notifications.

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Home > Major Features & Functions > ACCOUNT (By Name) > Change Password

Change Password

Change Password is located in the second navigation bar under ***Account Name***. To go to ***Change Password***, open ***ProtoGenie***, log in, click on ***Account Name*** and then on ***Change Password***. ***Change Password*** is where you change the password associated with your account.

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Change Email

Home > Major Features & Functions > ACCOUNT (By Name) > Change Email

Change Email

Change Email is located in the second navigation bar under *Account Name*. To go to *Change Password*, open *ProtoGenie*, log in, click on *Account Name*, and then on *Change Password*. *Change Email* is where you can change the email address associated with your account.

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Home > Major Features & Functions > ProtoGenie User Relationships

ProtoGenie User Relationships

The relationships between *ProtoGenie* and its users involve agreements between users and the makers of *ProtoGenie*, such as the *Terms of Service*, *Privacy Policy*, *Security Statement* and the provisions of user accounts.

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PG Assurances

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PG Assurances

PG Assurances involve understandings between the makers of ProtoGenie and ProtoGenie users. These understandings are articulated in three documents, as follows:

The PG Terms of Use
The PG Privacy Policy
Security Statement

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Terms of Service

ProtoGenie Researcher's Toolkit by Pasadero, Inc.
TERMS OF SERVICE AGREEMENT
Updated February 1, 2014

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This electronic document contains the agreement you enter into with Pasadero, Inc., the provider of ProtoGenie, when you check the "I agree" box while signing on to the ProtoGenie website. You also indicate your acceptance of this agreement by using ProtoGenie services.

1. Generally.

a. The parties to this agreement are you and Pasadero, Inc. Pasadero, Inc. warrants that it is a Subchapter S Corporation, duly formed in the State of Arizona and licensed by the State of Arizona to sell the services that are the subject of this agreement. Pasadero, Inc.'s principal place of business is Tempe, Arizona. You warrant that you are an individual at least thirteen years of age and otherwise have the capacity under applicable law to enter into this agreement on behalf of yourself or an organization you have the authority to represent.

b. This electronic document contains the entire agreement of the parties and any terms not contained in this document are unenforceable unless they are expressly authorized by the terms of this agreement.

c. You may not assign or otherwise transfer your rights under this agreement except with the express consent of Pasadero, Inc.

2. Payment, automatic renewal, price changes and taxes. PROVISIONS REGARDING PAYMENTS, SUBSCRIPTIONS, AND SERVICES PROVIDES BELOW (2-3) ARE NOT IN FORCE DURING THE PG BETA TESTING PERIOD

a. You agree to be responsible for full payment of the price of the subscription of the plan that you chose when you signed onto ProtoGenie.

b. At the end of the period of your subscription, your subscription will be automatically renewed unless, at least ten (10) days prior to the end of your subscription, you provide notice by the prescribed method that you do not wish to renew your subscription or that you wish to select another subscription. If your subscription is renewed, it will be at the price you would be charged for a new subscription on the date of the renewal.

c. If you terminate a subscription prior to the end of a billing cycle, you will not receive a refund for any period of time you did not use in that billing cycle. A billing cycle is monthly or annual depending on what plan you select when purchasing a subscription.

d. Prices for ProtoGenie services may be changed at any time, provided that the change will become effective only at the end of the then-current billing cycle of your subscription. You will be provided reasonable notice in time to cancel your subscription before the price change becomes effective.

e. If you are an Arizona resident, applicable state and local taxes will be added to the subscription fee.

3. What Services You Have Purchased.

In return for your agreed upon payment in full, subject to the disclaimers and limitations of responsibility expressly stated below, and subject to your performance of the obligations you undertake in this agreement, Pasadero, Inc. agrees to provide services in the form of access to the ProtoGenie website and services (ProtoGenie services). See the description of ProtoGenie services.

ProtoGenie services may be altered, added to or discontinued at any time without prior notice. If a service is discontinued, you will be given reasonable advance notice to provide you with time to save a copy of your content from that service.

4. Personal Information

Pasadero, Inc. agrees not to share information about you that you provided when you signed on to ProtoGenie or other information provided by you during the period of your subscription except as is allowed by the Pasadero, Inc. Privacy Policy, which is a part of these Terms of Service.

5. Your Content

a. You retain ownership of your intellectual property rights in the content of what you produce using ProtoGenie and also any content provided by you in connection with your use of ProtoGenie services, except that

(1). Pasadero, Inc. will treat your content as confidential and use or disclose it only to the extent necessary to perform its obligations under this agreement or to the extent allowed by the terms of this agreement or Pasadero, Inc.'s Privacy Policy referred to in paragraph 4 above.

(2). You grant Pasadero, Inc. a worldwide, royalty free license to copy, use, reproduce, or distribute your content to the extent necessary for Pasadero, Inc. to perform its obligations under this agreement.

(3). You agree that Pasadero, Inc. may respond to notices of copyright infringement in accordance with the United States Digital Millennium Copyright Act (DMCA).

(4). You agree that you are solely responsible for the content you create or provide during the period of your subscription and that you will hold Pasadero, Inc. harmless for the cost of defending any claims of infringement or damages or other relief that may be awarded on account of such claims.

(5). You agree that neither this agreement nor your use of ProtoGenie may be understood to grant you any ownership rights in ProtoGenie or any other content or services owned by Pasadero, Inc. and available to you while using ProtoGenie or related services.

(6). Pasadero, Inc. agrees to exercise reasonable care as measured by industry standards to keep your content secure and unavailable to others except to the extent that you intentionally or unintentionally make the content available to others. In no event shall Pasadero, Inc. be responsible for your content being lost or damaged or becoming available to others as the result of natural disaster, war, equipment failure or utility outage or other such event beyond Pasadero Inc.'s control.

(7). Details about security for your content are set out in a Security Statement. Regardless of the security protections and precautions undertaken, you agree that there is always a risk that your data may be viewed and used by unauthorized third parties as a result of collecting and transmitting your data through the internet.

(8). You agree that Pasadero, Inc. may review your content as may be required to comply with Pasadero, Inc.'s obligations under applicable law, but the agreement shall not be understood to impose any obligation on Pasadero, Inc. to review your content.

(9). Pasadero, Inc. may modify, prevent access to, remove, or refuse to display or allow to be displayed any of your content to the extent necessary to comply with its obligations under applicable law.

b. Your responsibility regarding your content.

(1). You are responsible for keeping your password secure and any other credentials used to access your ProtoGenie account. If you become aware of any unauthorized access to your account, you must notify ProtoGenie immediately. Accounts may not be shared and may be used by only

one individual per account unless your subscription permits so.

(2). You must keep your email address, contact and payment details associated with your account current and accurate.

(3). You are responsible for making backups of your content. To the extent permitted by law, Pasadero, Inc. will not be liable for any failure to store or for loss or corruption of your content.

(4). Pasadero, Inc. agrees that your account and data will not be deleted even if you are not a current ProtoGenie subscriber. However, Pasadero, Inc. reserves the right to alter or rescind this non-deletion term after posting reasonable notice on the ProtoGenie website.

6. Pasadero, Inc.'s Intellectual Property

You agree that neither this agreement nor your use of ProtoGenie services grants you any ownership rights in ProtoGenie or ProtoGenie services and you may not use ProtoGenie logos, service marks, trademarks, brands, slogans or product designations without the express authorization of Pasadero Inc. The content of the ProtoGenie website is copyrighted and any unauthorized use of the content of this site may violate copyright, trademark and other laws, in addition to being a material breach of these Terms of Service.

7. Content of Third Parties

You are responsible for obtaining any permission required by applicable law to use or display the content of third parties (parties other than parties to this agreement) and you agree to hold Pasadero, Inc. harmless against any infringement or other claims by the owners of third party content.

8. Links to Other Websites

Pasadero, Inc. may publish links to websites maintained by third parties, but Pasadero, Inc. does not by doing so represent that it has reviewed the content of these websites or assume any responsibility with regard to the content of these websites. The trademarks and other intellectual property rights displayed in connection with these links are the property of the owners of those rights. You agree to hold Pasadero, Inc. harmless against any claims arising out of your publication of links to third party websites.

9. Only Legal Use and Legal Status

You agree to use ProtoGenie services only as is permitted by applicable law and that you will hold Pasadero, Inc. harmless against any injury or loss resulting from use of ProtoGenie or related services otherwise than as is permitted by applicable law.

ProtoGenie services are not intended for use by individuals less than 13 years of age. If you are an individual, you may use ProtoGenie services only if you have the power to form a contract with Pasadero, Inc. If you are under 13 years of age or do not have the power to form a contract with Pasadero, Inc., you may not use ProtoGenie services. Pasadero Inc. recommends that parents and guardians directly supervise any use of ProtoGenie services by minors.

You may not use ProtoGenie Services if you are barred under any applicable laws from such use. You are not permitted to purchase any paid services from ProtoGenie if you are located in a country embargoed by the United States or other applicable law from receiving the services.

10. Only Authorized Use

a. You agree to use Protogenie services only for their intended purposes and that Pasadero, Inc. is not responsible for your actions in connection with using ProtoGenie services.

b. You agree not to misuse ProtoGenie services by interfering with their normal operations. You agree to access ProtoGenie services only through the user interface provided by Pasadero, Inc. to you and other ProtoGenie subscribers and access otherwise than as provided is prohibited.

c. You agree not to probe, scan or test or attempt to probe, scan or test the vulnerability of ProtoGenie and related systems to obtain unauthorized access.

d. You agree not to reverse engineer or attempt to reverse engineer ProtoGenie services or related software.

e. You agree not to interfere or attempt to interfere with access to ProtoGenie by third parties (parties other than parties to this agreement).

f. You agree not to transmit to the ProtoGenie servers, software or related systems any viruses, malware or other harmful software, programs or links and that you will hold Pasadero, Inc. harmless against any injury or loss caused by an intentional or unintentional transmission of any viruses, malware or other harmful software, programs or links.

g. You agree not to use ProtoGenie services to infringe the intellectual property rights of others or to commit an unlawful activity.

h. You agree not to lease or resell the ProtoGenie services.

i. You agree to comply with any obligations or restrictions imposed by your employer or any entity with whom you have contracted or any obligations or restrictions imposed by applicable law or regulation relevant to your agreement with Pasadero, Inc. or your use of ProtoGenie services.

11. Changes in ProtoGenie Terms of Service

You agree that Pasadero, Inc. may change these Terms of Service at any time for a number of reasons, such as updates to services or a change in the law. Changes in terms will be effective as soon as they are publicly posted in the Terms of Service or via email. Applicable law may require consent depending on the change or a certain period of advance notice. Your continued use of a service after the terms of service have been changed indicates your agreement to be bound by the updated term

12. Disclaimer of Warranties, Exclusion of and Limitation of Liability

Disclaimer. Pasadero, Inc. agrees to use reasonable care as measured by industry standards to prevent interruptions in service and keep online services available, but ProtoGenie Services may be unavailable from time to time for various reasons. EXCEPT AS EXPRESSLY PROVIDED IN THESE TERMS AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE SERVICES ARE PROVIDED “AS IS” AND PASADERO, INC. DOES NOT MAKE WARRANTIES OF ANY KIND, EXPRESS, IMPLIED, OR STATUTORY, INCLUDING WARRANTIES OF MERCHANTABLILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT OR ANY WARRANTIES REGARDING AVAILABILITY, RELIABILITY OR ACCURACY OF THE SERVICES.

Exclusion of Certain Liability. TO THE EXTENT PERMITTED BY LAW, PASADERO, INC., ITS AFFILIATES, OFFICERS, EMPLOYEES, AGENTS, SUPPLIERS, AND LICENSORS WILL NOT BE LIABLE FOR ANY INDIRECT, CONSEQUENTIAL, SPECIAL, INCIDENTAL, PUNITIVE, OR EXEMPLARY DAMAGES WHATSOEVER, INCLUDING DAMAGES FOR LOST PROFITS, LOSS OF USE, LOSS OF DATA, ARISING OUT OF OR IN CONNECTION WITH PROTOGENIE SERVICES AND THESE TERMS OF SERVICE, OR WHETHER BASED ON CONTRACT, TORT, STRICT LIABILITY, OR ANY OTHER LEGAL THEORY, EVEN IF PASADERO, INC. HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES AND EVEN IF A REMEDY FAILS OF ITS ESSENTIAL PURPOSE.

Limitations of Liability. TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE AGGREGATE LIABILITY OF PASADERO, INC., ITS AFFILIATES, OFFICERS, EMPLOYEES, AGENTS, SUPPLIERS, AND LICENSORS ARISING OUT OF OR IN CONNECTION WITH PROTOGENIE SERVICES AND THESE TERMS OF SERVICE WILL NOT EXCEED THE GREATER OF: AMOUNTS PAID BY YOU FOR THE USE OF PROTOGENIE SERVICES AT ISSUE DURING THE THREE MONTHS PRIOR TO THE EVENT GIVING RISE TO THE LIABILITY OR $25.00 U.S.

13. Unauthorized Access to Your Content

Pasadero, Inc. agrees to use reasonable care as measured by industry standards to prevent access to your content that you have not authorized. The Privacy Policy and Security Statement set out how your content is treated and Pasadero, Inc. agrees to these policies. You agree that Pasadero, Inc. may use and share your content in accordance with these policies.

14. Remedies

Your sole and exclusive remedy with respect to any disagreement or dissatisfaction with these terms as modified from time to time, or access to, use of or performance of the ProtoGenie website, website content or services is to terminate your access. Pasadero, Inc. does not provide refunds or credits.

15. Termination of Access

a. You agree that Pasadero, Inc. may suspend or terminate your access to ProtoGenie services for any violation or reasonably suspected violation of the terms of this agreement.

b. Pasadero, Inc. agrees that it will provide such notice to you as is reasonable under all the circumstances before suspending or terminating your access to ProtoGenie services.

16. Governing Law and Jurisdiction

The parties agree that Arizona law governs this agreement. Except if prohibited by applicable law, each party submits to the exclusive jurisdiction of state courts located in Maricopa County and federal courts located in the U.S. District Court for the District of Arizona with respect to the subject matter of this agreement.

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Privacy Policy

ProtoGenie Researcher's Toolkit by Pasadero, Inc.
PRIVACY POLICY
Updated February 1, 2014

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This privacy policy explains how Pasadero, Inc. handles your personal information, protocols and research data. We endeavor to present this policy in plain language. This privacy policy applies to the ProtoGenie website and services ("services") provided by Pasadero, Inc. This policy is incorporated by reference in the ProtoGenie Terms of Service. If you have questions about this Privacy Policy contact Pasadero, Inc. by mail at 2043 E. Libra Dr., Tempe, Arizona, 85283, or electronically through this form.

GENERAL PRIVACY POLICY

IF YOU AS PRINCIPAL AUTHOR CREATE AND EXECUTE RESEARCH PROTOCOLS:

Your research data is private and owned by you. Pasadero, Inc. does not sell your research data to anyone and does not use your research data for Pasadero's own purposes.

Research protocols used to collect research data are private. The default security status of every new protocol that is created using the "Blank" startup option in the composer is private. In addition, when you copy an existing public protocol to customize it to fit your study, the status is private until you make it public. You, as an author of a ProtoGenie protocol, determine who can access the protocol and who cannot. You have the choice to make your protocol public or private.

If you set the protocol status to private, then you are the only one who can access the protocol, except to the extent that you specifically designate others who will have access. If you set the protocol status to public, then you, as an author of a public protocol, have the ability to limit the availability of certain operations otherwise available as to that protocol.

Your research data is private and confidential even if you change the status of a private protocol to public protocol. If you change the status of your research protocol from private to public, your research data generated by executing that protocol remains private unless you select the option of making the protocol results public as well. Also, the original of your research protocol is not affected in any way because users of the public status protocol can only edit the copy and can never edit the original protocol.

Your research data is kept secure. Read our Security Statement for more information.

IF YOU RESPOND TO RESEARCH PROTOCOLS AS A PARTICIPANT:

Research studies are administered by authors of ProtoGenie protocols. Protocol authors conduct their research using ProtoGenie services. ProtoGenie hosts these research studies on its website and collects and stores the data that is generated for the protocol author. The protocol author is using the tools provided by ProtoGenie services to construct a research plan to collect data from you. If you have any questions about the study, please contact the author directly because ProtoGenie and its provider, Pasadero, Inc., are not responsible for the content of the protocol created or the research data generated. The protocol author may have a privacy policy for your review

Anonymity of participants depends on the protocol author's research design and explicit request. The results generated by executing a protocol are not associated with specific individuals. ProtoGenie decouples potentially identifiable participant information from study results. A protocol author using ProtoGenie services must explicitly request that results be associated with specific individuals by name for study results to be linked to identifiable participants.

Your responses are not sold to third parties. Pasadero, Inc. does not sell or share your responses with third party advertisers or marketers. Pasadero, Inc., through ProtoGenie services, merely acts as a custodian on behalf of the protocol author who controls your data. You should inquire of the protocol author as to the use of your responses.

If you think a research protocol violates the ProtoGenie terms of service or involves illegal activity, click here to report it.

SPECIFIC PRIVACY POLICY

ProtoGenie, provided by Pasadero, Inc., is used by protocol authors and research protocol participants (people who participate in research studies). Information collected by ProtoGenie from authors and participants is handled differently. Therefore, this privacy policy is in two parts. Click on the one that applies to you.

Privacy for protocol authors
Privacy for research protocol participants

PRIVACY FOR PROTOCOL AUTHORS

1. Information collected by ProtoGenie from you as a Protocol Author:

Registration information. When you register for an account, your username, password and email address are collected.

Billing information. If you make a payment for ProtoGenie services, you are required to provide billing details. Financial information for billing purposes is collected by Stripe.com, a service provider. Pasadero, Inc., the provider of ProtoGenie services, can view and download certain payment information on the Stripe.com site. However, this information does not include sensitive credit card data. Pasadero, Inc. relies on Stripe.com to manage sensitive credit card and keep it secure from unauthorized access.

Research data. ProtoGenie stores your protocols and research data for you on Heroku.com servers.

Protocols and protocol results you intentionally share. If you designate your protocol design as public, ProtoGenie will add your protocol to a library of public protocols. If you choose the option of making your protocol results public as well, the results will also be available.

1. How information collected from you as Protocol Author is used:

In general, information collected from you by ProtoGenie is in connection with providing ProtoGenie services to you and, on your behalf, to protocol participants. Specific ways are listed below:
To provide you with support to assist you with protocol design, implementation and data collection from participants. ProtoGenie assistance with protocol design and implementation is automated and provided within ProtoGenie services. Assistance with technical problems concerning data collection from participants can be obtained by contacting a customer service representative
To manage our services by monitoring and improving services, enforcing ProtoGenie Terms of Service/Use, preventing potential illegal activities and screening for undesirable or abusive activity.
To create new features by looking at public protocols and public results.
To contact you about your service or account.
To respond to legal requests and prevent harm.

1. Information from you as Protocol Author is shared or disclosed in the following ways:

Pasadero, Inc. does not sell your research data. Your protocols and research data are owned by you. Your research protocols and protocol results are private unless you choose to share them with other ProtoGenie members, who have a ProtoGenie account. Research data is disclosed to third party service providers who help provide ProtoGenie services to you. These service providers, Heroku.com and Stripe.com, are contractually bound to keep your information confidential and to use it only for providing services that support ProtoGenie.
Stripe.com handles billing information and sensitive credit card data for the ProtoGenie application. Personal information such as username and password is available to Heroku.com. Information available to the ProtoGenie application is available to Heroku.com used by ProtoGenie to deploy and operate the ProtoGenie application on its servers.
Sharing your personal information or research data is done only when you are given notice as in this privacy policy. Where required by law, ProtoGenie will obtain your express consent prior to disclosing any personal information.
Information may also be disclosed in the following ways:
Account details to your billing contact. If your details as the account holder are different from the billing contact listed for your account, we may disclose your identity and account details to the billing contact upon their request. By using ProtoGenie services and agreeing to this privacy policy, you consent to this disclosure.
Aggregated information to third parties to improve or promote services. No individuals can be identified to aggregated information such as number of users or types of users.
Your information if required or permitted by law. When disclosure is necessary to protect rights and/or to comply with a judicial proceeding, court order, subpoena, or other legal process served on ProtoGenie or Pasadero, Inc.
Your information if there is a change in business ownership or structure. You expressly consent to Pasadero, Inc., through ProtoGenie, transferring your information to a new owner or successor entity so that services to you can continue to be provided.

1. Protocol author's access to information. You can:

Update your registration and other account details.
Reset your password.
Download your research data. This permits you to create your own backup or conduct offline data analysis.
Share your protocol and/or protocol results with other ProtoGenie protocol authors.
Delete your research data. As long as you maintain an account with ProtoGenie, ProtoGenie retains your research data in case you delete something by accident and need to restore it. At present, even if you cancel your account, your research data is not deleted. However, you, as a protocol author, can delete your own research data. An author can delete any individual case, which deletes all associated data. An author can also delete any particular protocol, which deletes all of the data associated with that protocol. There is no guarantee that this deleted data can be restored especially if significant time has passed since the deletion occurred.
Cancel and delete your account data by contacting a customer service representative. Deleting your account will disable your access to ProtoGenie services that require an account. At present, canceling your account will not delete your research data. ProtoGenie will promptly fulfill an explicit request to delete personal information unless the request is not technically feasible or such data is required to be retained by law.

1. Changes to Privacy Policy, Security, Cookies and Safety of Minors.

This privacy policy may be modified at any time. Any change will be published on the ProtoGenie website. If the changes are material, you will be provided with additional appropriate notice, such as email notification. For any material changes, you will be provided with notice of such changes before they become effective and with the opportunity to consent to such changes. If you do not cancel your subscription and continue to use ProtoGenie services, you will be considered to have consented to the changes in this privacy policy. If you disagree with the terms of this privacy policy or any updated privacy policy, you may close your account at any time.
ProtoGenie's Security Statement provides details about security practices. As stated in this Security Statement, despite using stringent security measures there is always a risk that personal data may be compromised or accessed by unauthorized parties as a result of collecting and transmitting data through the internet. Absolute security for personal information and research data cannot be guaranteed.
Cookies are used on the ProtoGenie website. By using the ProtoGenie website and agreeing to this Privacy Policy, you expressly consent to the use of cookies as described in this policy. The use of cookies enables a smooth experience when using the ProtoGenie website. You can choose to remove or disable cookies via your browser, but this will hamper your ability to use ProtoGenie services.
Cookies are small bits of data that are transferred to your device through your web browser when you use the ProtoGenie website. Cookies are necessary for the proper functioning of the ProtoGenie website.
ProtoGenie uses cookies for the following reasons:
To make the site easier to use and to authenticate your identity. ProtoGenie uses cookies to track the session. For both the protocol author and protocol participant, the cookie is only used to connect the user to a server-side temporary database entry that contains all session information
Safety of Minors. ProtoGenie services are not available to individuals under 13 years of age. The only exception is if registration is provided as the result of a request by an approved educational institution. If you are 13 but under the age of majority in your country of residence, you must review your registration with your parent or guardian and make sure that it is understood by them.

PRIVACY FOR RESEARCH PROTOCOL PARTICIPANTS

1. Information collected directly from you, the protocol participant, by ProtoGenie:

The protocol author is responsible for the research data submitted by study participants and manages this data. The protocol author is responsible for the content of the research protocol. ProtoGenie collects research data submitted by participants and stores this data on Heroku servers. Information available to the ProtoGenie application is available to Heroku.com. ProtoGenie maintains the anonymity of participant data unless the protocol author explicitly requests otherwise. Therefore, please direct any questions about anonymity to the protocol author.

1. Information collected by ProtoGenie about you as participant from other sources:

Your IP address and web browser type is recorded by ProtoGenie when you access ProtoGenie services. Geolocation information is requested and collected only with your permission and is not presently requested.
Usage data about you is collected whenever you interact with ProtoGenie services. Server log files contain data about the nature of each access. This usage data is not linked to your participant research data.
ProtoGenie does not collect email addresses except for member users who have registered for a ProtoGenie account. If you as a participant have not registered for a ProtoGenie account, then your email address has not been collected by ProtoGenie. A protocol author may include a measurement asking for an email address. This email address is part of the collected and stored research data, but is private to the protocol author and is not accessed by ProtoGenie.

1. ProtoGenie's use of research data from you and other information collected:

The research data coming out of your participation is owned and managed by the protocol author and ProtoGenie treats the data you submitted as private to the author. Other information collected such as device data (IP address and browser type) and usage data is used by ProtoGenie to manage and improve its services.

1. ProtoGenie's sharing or disclosure of your information:

The research data submitted by you is only disclosed to the protocol author. You may contact the protocol author to understand how the author may share the data you submitted. Information available to the ProtoGenie application is available to Heroku.com. Pasadero, Inc. uses Heroku to deploy and operate the ProtoGenie application. Pasadero, Inc. does not sell research data and does not use it for its own purposes.

1. Your rights to research data submitted by you as a participant:

Since research data submitted by participants is the protocol author's private information, ProtoGenie cannot provide access for you to correct or change your personal information or other information. You will need to contact the protocol author to access, update or delete any information you submitted.
6. Changes to privacy policy.
Changes to privacy policy can be made at any time with reasonable notice to participants by publishing the changes on the ProtoGenie website in a prominent way and timely manner. If, in addition to being a participant, you have a ProtoGenie account, notice of change will be sent to you via email. You will be considered as having expressly consented to changes in the privacy policy, if you continue to use ProtoGenie services or continue to participate in a research study.

1. Security, cookies and other information.

ProtoGenie's Security Statement provides details about security practices. ProtoGenie is dedicated to keeping the data secure that you submitted as a participant. Despite using stringent security measures, there is always a risk that personal information may be compromised or accessed by unauthorized parties as a result of collecting and transmitting data through the internet. Absolute security cannot be guaranteed.
Cookies are used on the ProtoGenie website. By using the ProtoGenie website and agreeing to this Privacy Policy, you expressly consent to the use of cookies as described in this policy. The use of cookies enable a smooth experience when using the ProtoGenie website. You can choose to remove or disable cookies via your browser, but this will hamper your ability to use ProtoGenie services.
Cookies are small bits of data that are transferred to your device through your web browser when you use the ProtoGenie website. Cookies are necessary for the proper functioning of the ProtoGenie site.
ProtoGenie uses cookies for the following reasons:
To make the ProtoGenie site easier to use and to authenticate your identity.
ProtoGenie uses cookies only to track the session. For both the protocol author and the protocol participant, the cookie is only used to connect the user to a server-side temporary database entry that contains all session information.
Safety of Minors. ProtoGenie services are not available to individuals under 13 years of age. The only exception is if registration is provided as the result of a request by an approved educational institution. If you are 13 but under the age of majority in your country of residence, you must review your registration with your parent or guardian and make sure that it is understood by them.

NEXT

See also
Terms of Service
Security Statement

Security Statement

PROTOGENIE SECURITY STATEMENT
February 1, 2014

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Pasadero, Inc. strives to ensure that your data is kept secure when you use the ProtoGenie website and services. Pasadero uses Heroku to deploy and operate the ProtoGenie application. Heroku applies security best practices and manages platform security. Heroku is responsible for the security of its servers.

SECURITY FOR PROTOCOL AUTHORS

ProtoGenie uses advanced technology for internet security:

Users are required to create a unique user name and password that must be entered each time a user logs on. ProtoGenie uses a session cookie only to provide a temporary identification token after the user logs in. ProtoGenie does not include the username and password inside the session cookie. In addition, the session cookie is always encrypted.

Secured Sockets Layer (SSL) technology protects user information.

Passwords are sent over secure, encrypted SSL connections.

Responses of research participants in your research protocols are transmitted over a secure, encrypted connection because accounts are SSL enabled.

Credit card information is accepted, processed and stored by Stripe.com. a PCI-DSS compliant company.

STORAGE SECURITY

The ProtoGenie application deployed to the Heroku's platform is automatically backed up as part of the deployment process on secure, access controlled, and redundant storage. Nightly backups deploy ProtoGenie across the Heroku platform and automatically bring the ProtoGenie application back online in the event of an outage.

SECURITY FOR RESEARCH PROTOCOLS AND PROTECTING DATA

ProtoGenie security status protects protocols:

All research protocols are designated "public" or "private" by the principal author. "Private" means that no one but the principal author and persons on the author's designated user list can access the protocol. Every new protocol has the default access status of "private." Even when the security status is "public," original protocols cannot be opened or modified in any way.

Only the principal author or his designated users can view the original protocol and any results data associated with that protocol.

Only the principal author can change the security status of a protocol from "private" to "public.

SECURITY FOR DATA CENTERS

ProtoGenie's use of Heroku's cloud application platform assures the physical security of data centers where your data is stored. Heroku's physical infrastructure is hosted and managed within Amazon's secure data centers and utilizes the Amazon Web Service technology.

Due to the global nature of the ProtoGenie website and services, personal information and research data may be transmitted, stored and processed in a country other than the one in which you reside.

SOFTWARE SECURITY

ProtoGenie engineers use best practices and industry-standard secure coding guidelines to ensure secure coding.

ProtoGenie strives to always maintain the latest patches and security fixes to all operating system and application files.

Billing data is encrypted.

USER RESPONSIBILITY TO PROTECT CONFIDENTIALITY AND PRIVACY OF DATA AND PROTOCOLS

"Sensitive personal information" such as social security numbers should not be entered, collected or stored on servers used by ProtoGenie. You are responsible for employing accepted research privacy practices.

You should use secure usernames and passwords and carefully protect them from disclosure; restrict your access to the ProtoGenie website to secure networks; and implement updated internet security and virus protection software on your computer system. If you suspect that your computer's security has been compromised or that your password may have been accessed by a third party, change your password immediately by visiting http://protogenie.herokuapp.com/accounts/password/reset.

ProtoGenie offers SSL to secure the transmission of participant responses, but it is your responsibility to ensure that the SSL feature is enabled on your account.

According to the U.S. Department of Health and Human Services, researchers must obtain written, informed consent from all prospective participants.

MANAGEMENT OF SECURITY VULNERABILITY: ABSOLUTE SECURITY CANNOT BE GUARANTEED

Despite using best efforts and stringent security methods, there is always a risk that data on the internet may be compromised or accessed. Absolute security cannot be guaranteed. If ProtoGenie learns of a security vulnerability or the potential of a vulnerability, attempts will be made to notify affected users electronically so they can take appropriate protective steps. ProtoGenie may also post a notice on the ProtoGenie website if a security problem occurs.

NEXT

See also
Terms of Service
Privacy Policy

Home > Major Features & Functions > Getting Started

Getting Started

Getting started in a *ProtoGenie* session after signing up is simply a matter of opening *ProtoGenie* in your browser by clicking on https://protogenie.com and logging in.

NEXT

Logging In

MY HOME

MAKE

SHARE

GATHER, Implement, & Monitor

ACCOUNT (By Name)

ProtoGenie User Relationships

See also

MY HOME
MAKE
SHARE
GATHER, Implement, & Monitor
ACCOUNT (By Name)
ProtoGenie User Relationships

Home > Major Features & Functions > Getting Started > Logging In

Logging In

After opening *ProtoGenie* at https://protogenie.com/, PG members will:

- Click on *Log In* on the right side of the top navigation bar.
- Enter their email address or user name.
- Enter their password and click *Log In*.

This will take them to their *My Home* web page.

NEXT

My Home Welcome Page

Technical Support

See also

Home > Major Features & Functions > Getting Started > Logging In > My Home Welcome Page

My Home Welcome Page

After log in from the *PG Home Page,* the user will be on the *My Home page,* which is the personalized center of gravity of the user's ProtoGenie activity. It is one of five permanently located PG Action Areas located in the top navigation bar, namely *Make, Share, Run, MyHub, and Account [user's name].* It is a reception area containing links labeled: *Things to Do, People to See, Places to Go, and Announcements.* It also contains links to the five major activities of PG*, Make, Share, Run, Home,* and *Account [user's name]* plus four links to four special topics, *Research Designs, Templates, Favorites,* and *Stimuli.*

NEXT

Technical Support

See also
Technical Support

Technical Support

ProtoGenie provides on-line technical assistance in the form of Tool Tips Mouse-Overs and a rich online *Automated Technical Support System* (including a comprehensive *Help Center*, *FAQs*, *PG Library of Research Design, PG Library of Template Protocols, PG Library of Blank Protocol Tutorials,* and the *PG Library of Template Protocol Tutorials).* It also provides a *Printable User Manual*. A contact form for requesting personal technical assistance is provided.

GO TO BEGINNING

My Home Welcome Page

See also
My Home Welcome Page

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